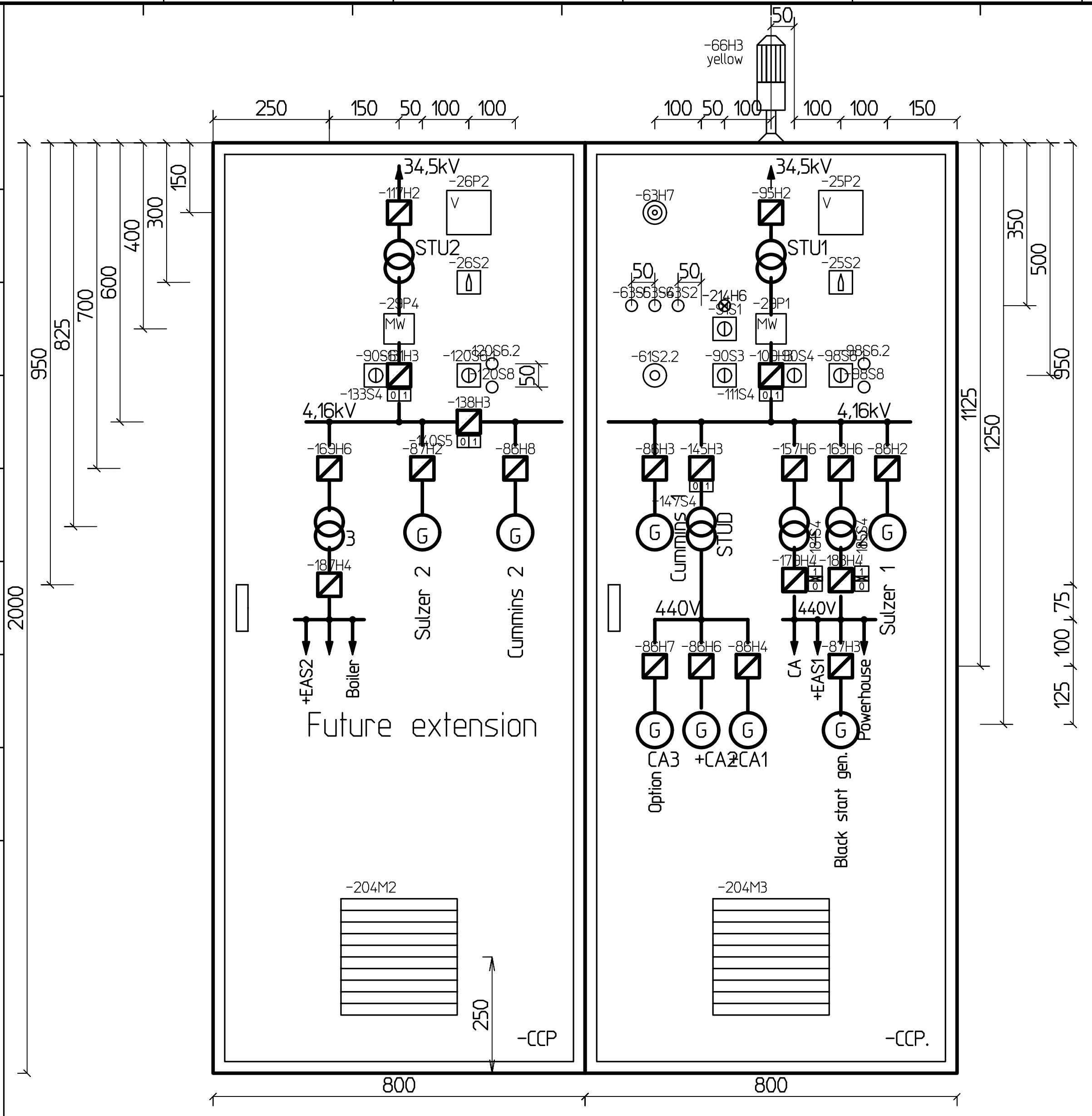

legend

-66H3	Common fault ()
-63H7	horn (Ø22,5)
-214H6	43,5kV grid c.b. on (Ø22,5)
-204M2	panel fan (SK 3325)
-204M3	panel fan (SK 3325)
-25P2	4,16kV Grid voltage STU2 (92x92)
-26P2	4,16kV Grid voltage STU1 (92x92)
-29P1	Grid STU1 11kV active power (68x68)
-29P4	Grid STU2 11kV active power (68x68)
-61S2.2	emergency stop (Ø22,5)
-63S2	Reset common control switchboard +CCP (Ø22,5)
-63S4	Horn off (Ø22,5)
-63S5	Lamps test (Ø22,5)
-90S3	4,16kV C. b. control manual-automatic (Ø22,5)
-90S4	c.b STU1 maintenance i (Ø22,5)
-90S6	c.b STU2 maintenance (Ø22,5)
-98S6.1	Tap changer contr. STU1 man.-auto. (Ø22,5)
-98S6.2	STU1 tap changer increase (Ø22,5)
-98S8	STU1 tap changer decrease (Ø22,5)
-120S6.1	Tap changer contr. STU2 man.-auto. (Ø22,5)
-120S6.2	STU2 tap changer increase (Ø22,5)
-120S8	STU2 tap changer decrease (Ø22,5)
-91S1	Release island operation (Ø22,5)
-181S4	Push button c. b. ST1 (Ø22,5)
-185S4	Push button c.b. ST2 (Ø22,5)

panel	: TS8806.600
color	: RAL 7032
cable incoming	: bottom
protection degr.	: IP 42
Norm	: DIN EN 60 439 Teil 1: 2000
depth	: 600
cover	: no

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Bildbeschreibung
IMAGE DESCRIPTION
Panel front view

Date	01.02.05	
Desig.	A. Stellmann	
Check	A. Stellmann	
Norm	33	
Index	changing	Date	name

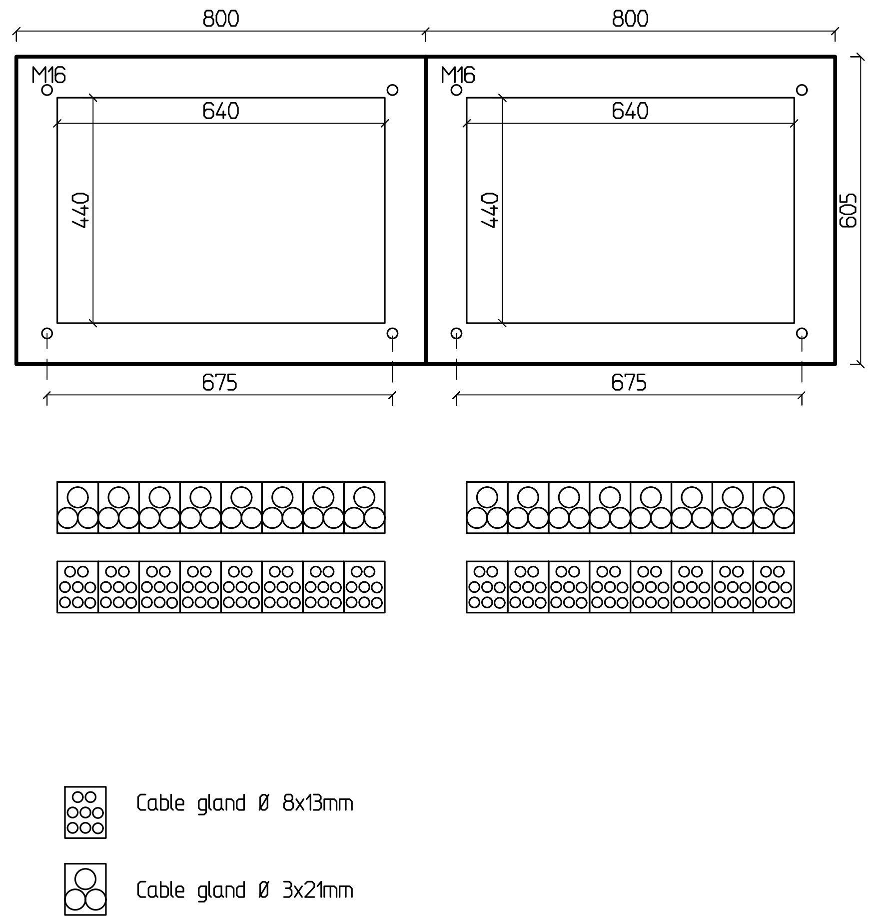
Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501 | =DPP | +CCP
43730 | 43730 | page 1 | 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION

Bottom view

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 2
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 3
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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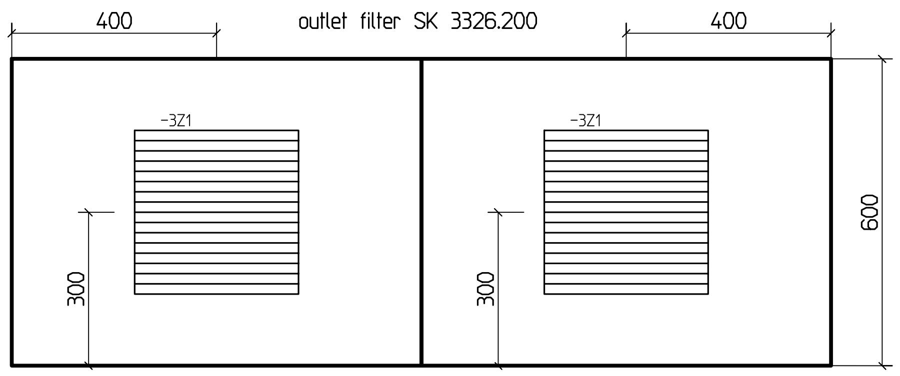

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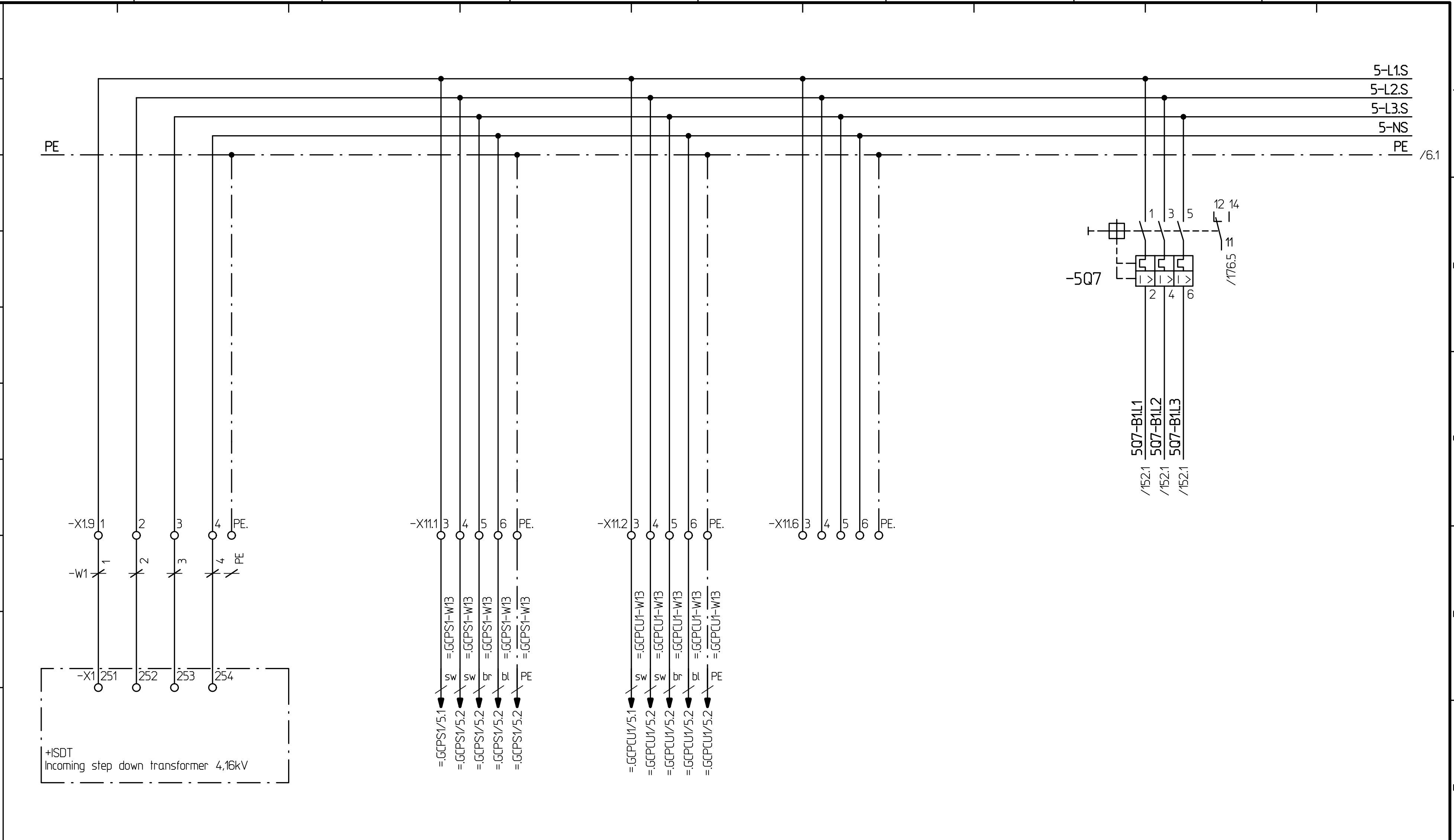
Bildbeschreibung
IMAGE DESCRIPTION
Top view

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 =DPP +CCP
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 / 43730 / page 4 / 215 BL
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		



Incoming busbar voltage 4,16kv/√3/100V/√3 Gen. S1 /Cu2

Outgoing busbar voltage to +GCPS1

Outgoing busbar voltage to +GCPCU1

Outgoing busbar voltage to +GCPCU2

busbar measuring Gen. S1, CU1, CU2

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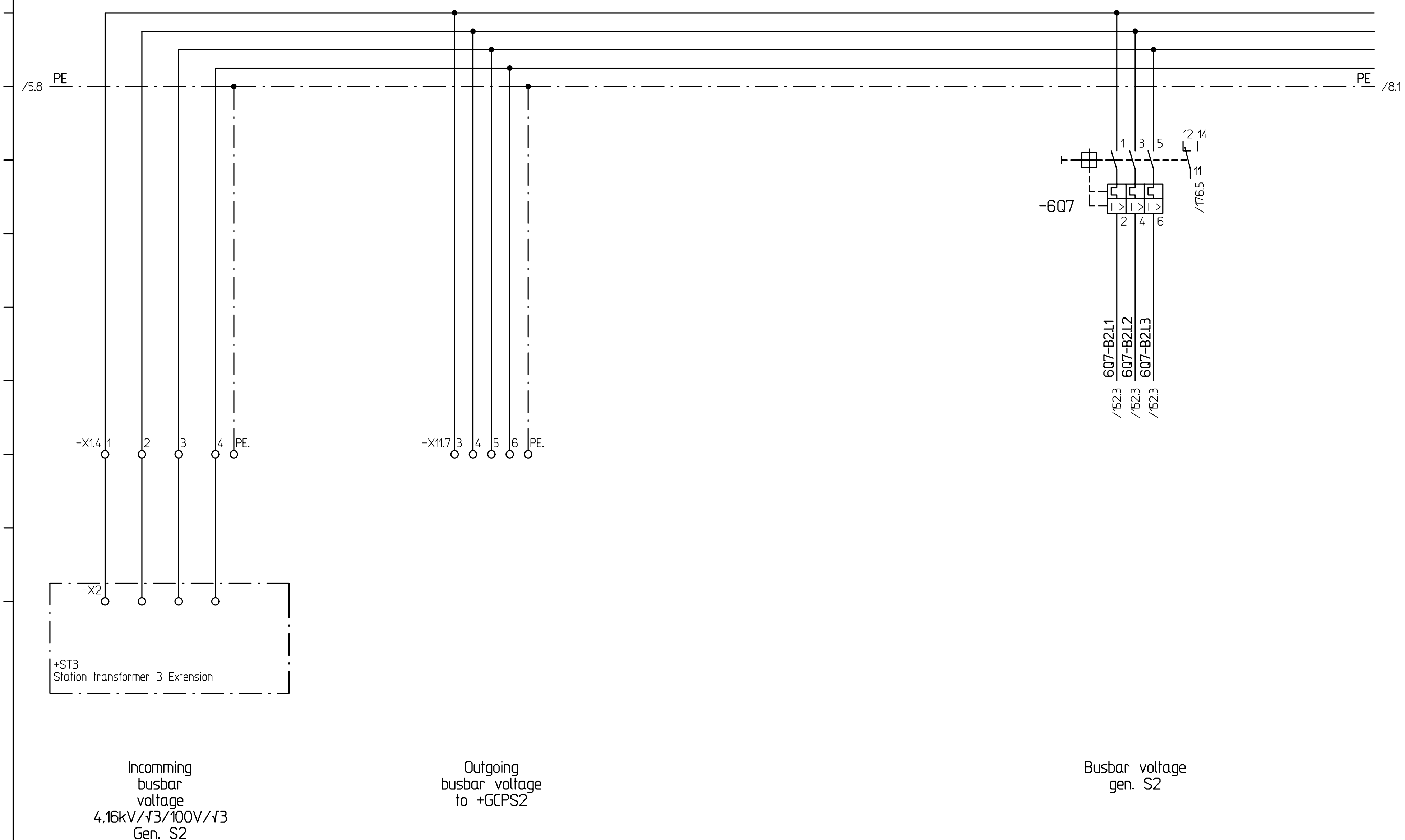
Bildbeschreibung IMAGE DESCRIPTION: Busbar voltage gen. S1, Cu1-2, S2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730 page 5
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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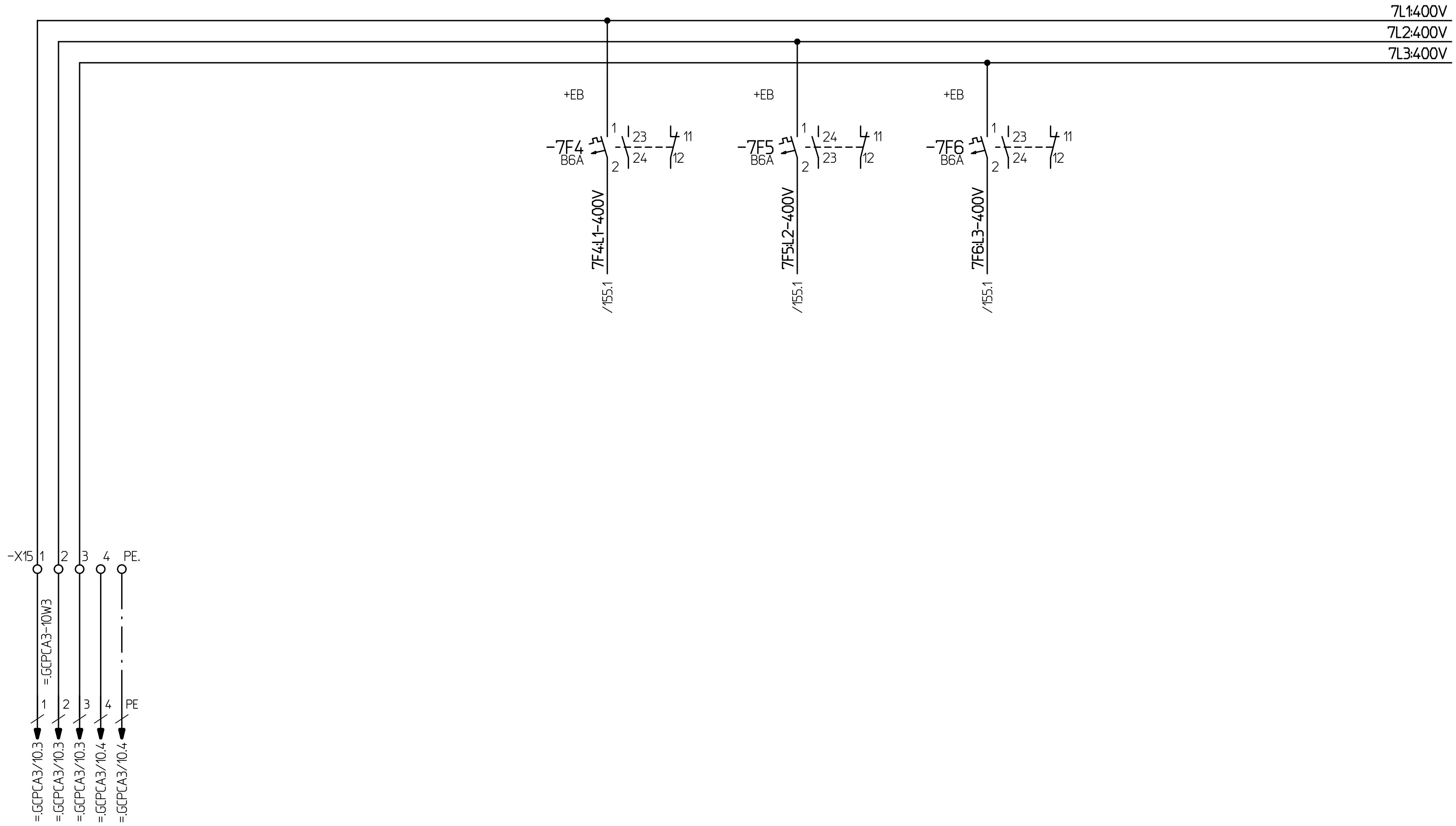
Bildbeschreibung
IMAGE DESCRIPTION

Busbar voltage gen. S2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 6
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



busbar voltage
for synchronizing
400V, 60Hz
black start gen.

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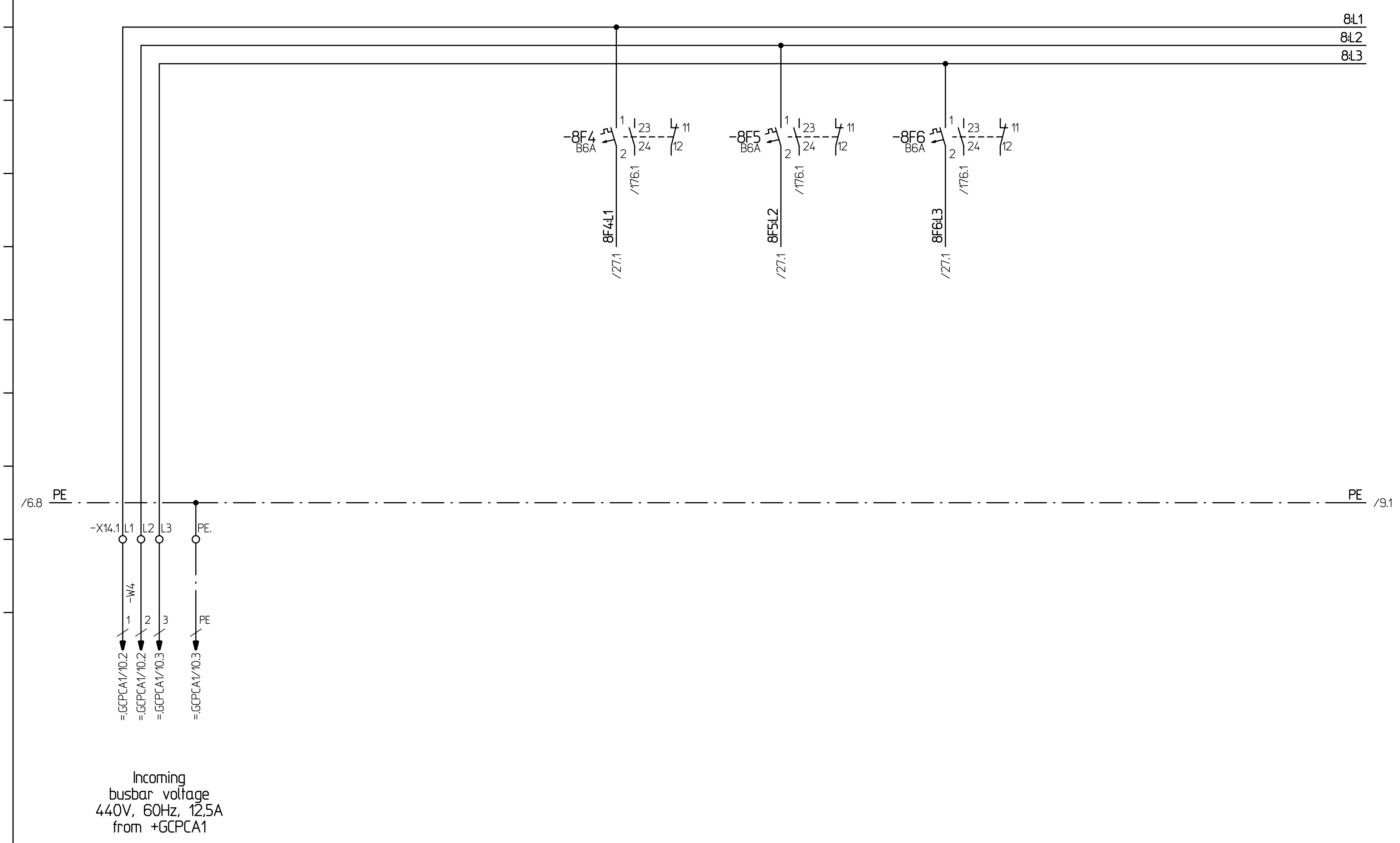
Bildbeschreibung IMAGE DESCRIPTION: Inc. busbar volt. black st.gen.400V,60Hz

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 7 / 215 BL

Index | changing | Date | name



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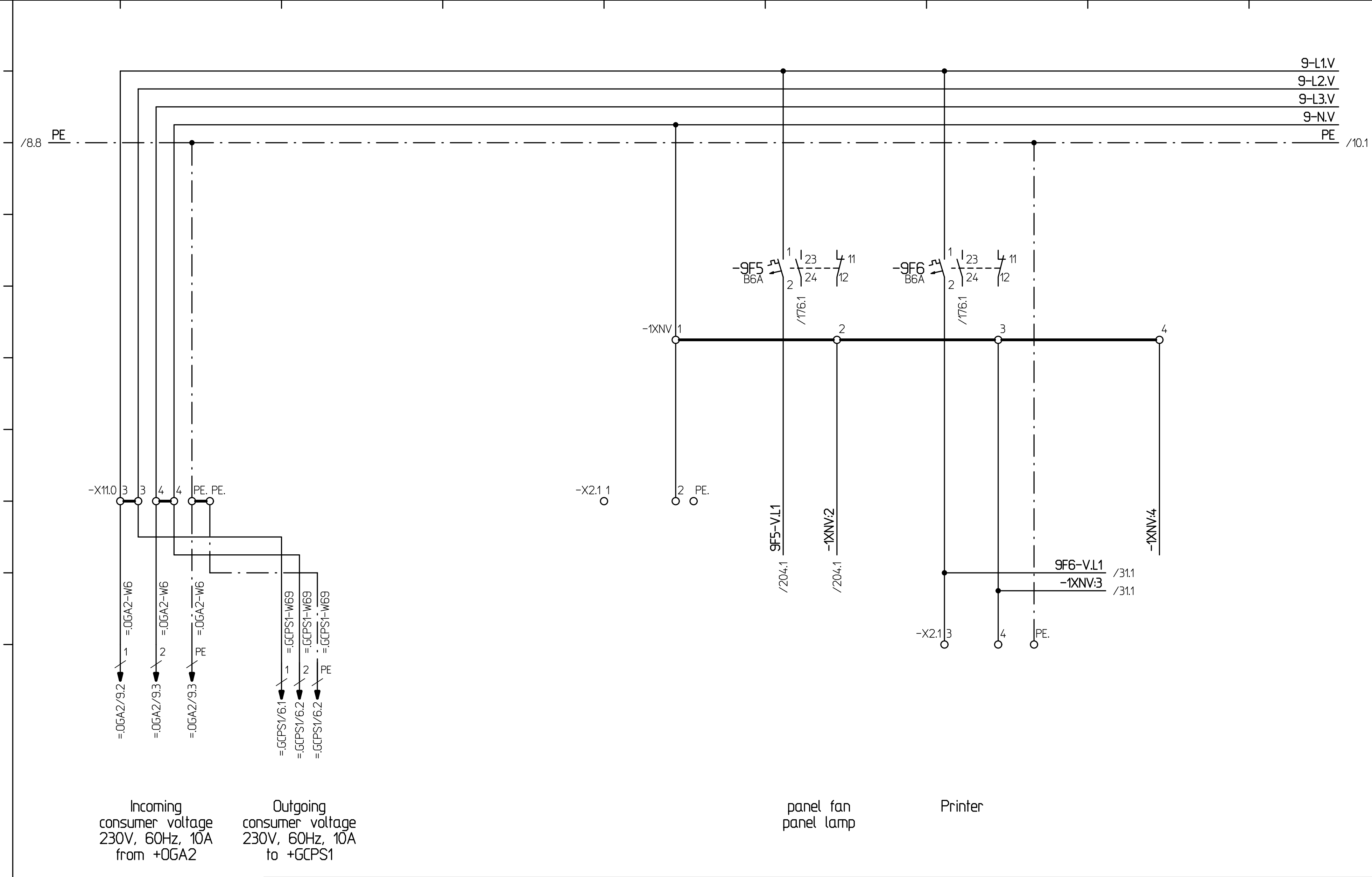
Bildbeschreibung
IMAGE DESCRIPTION

Inc. busbar voltage Cat.1-3 440V, 60Hz

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730 page 8
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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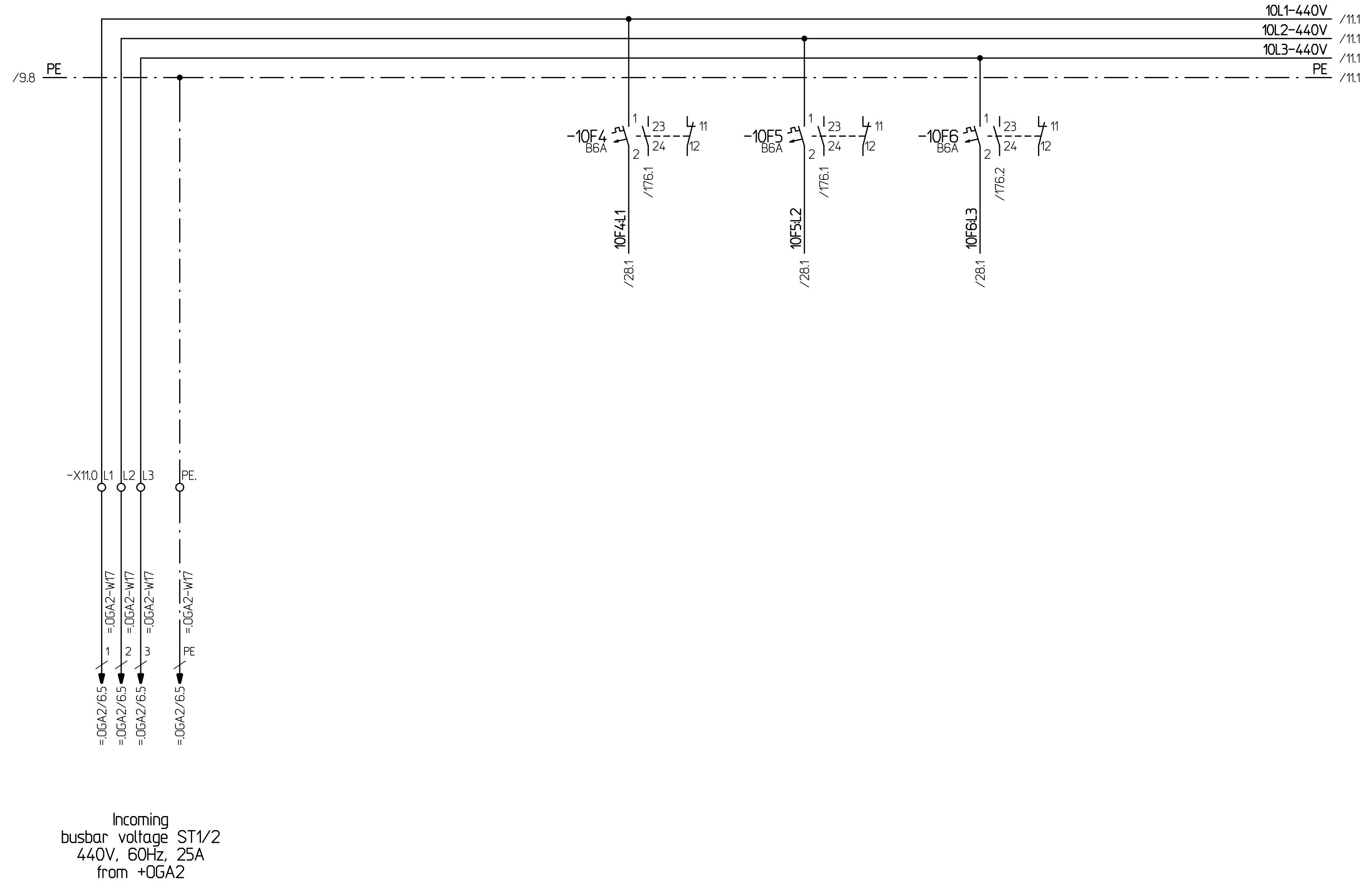
Bildbeschreibung
IMAGE DESCRIPTION

Incoming consumer voltage 230V, 60Hz

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 9 215 BL



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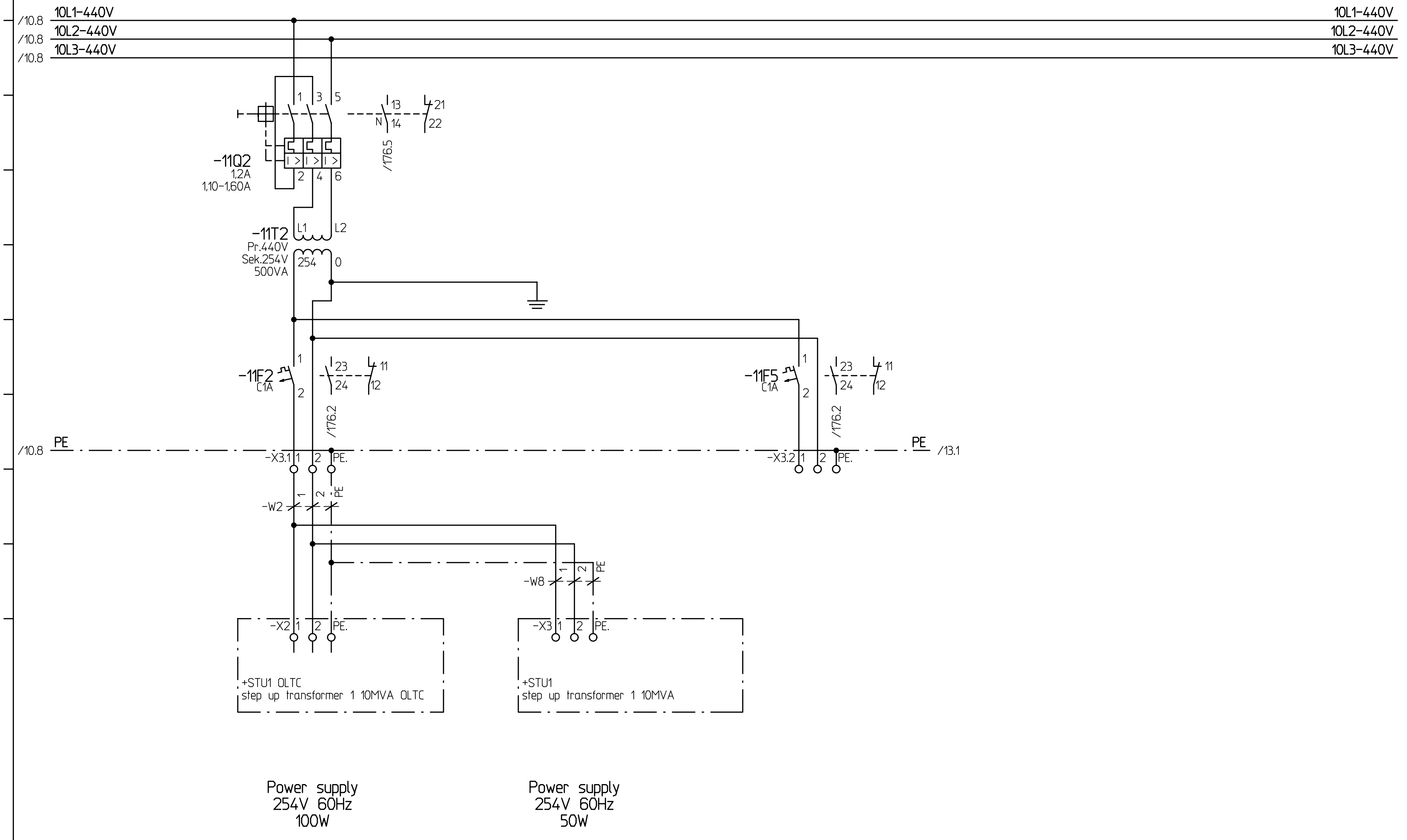
Bildbeschreibung IMAGE DESCRIPTION: Incoming busbar volt. ST1/ST2 440V, 60Hz

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			

Index | changing | Date | name



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Bildbeschreibung
IMAGE DESCRIPTION

Feeder 254V 60Hz for STU1

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		

Bildbeschreibung
IMAGE DESCRIPTION
spare

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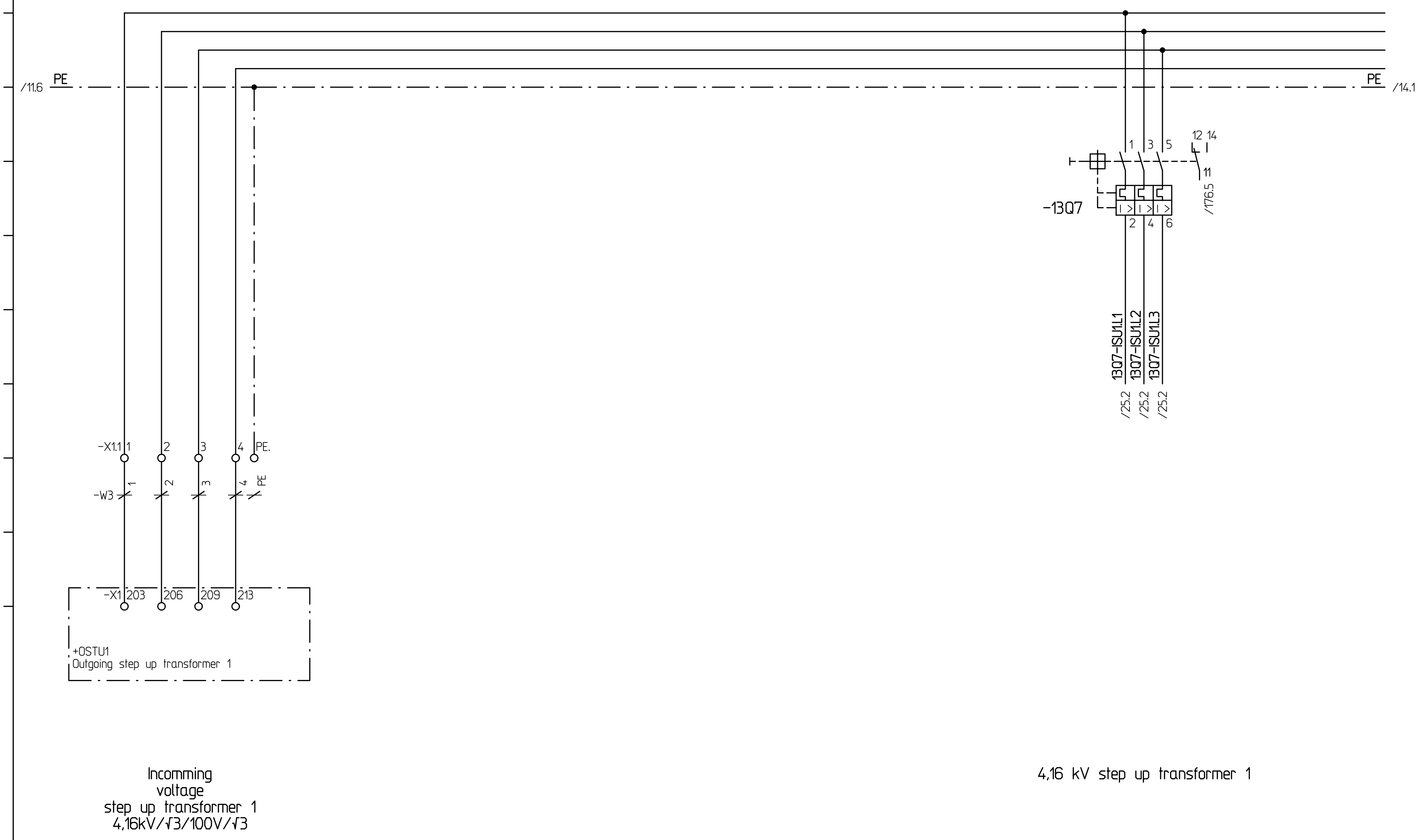
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 12
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



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Bildbeschreibung
IMAGE DESCRIPTION: Inc. mains voltage step up tr. 1 4,16kV

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

Incoming voltage step up transformer 2 4,16kV/√3/100V/√3 extension

4,16 kV step up transformer 2 extension

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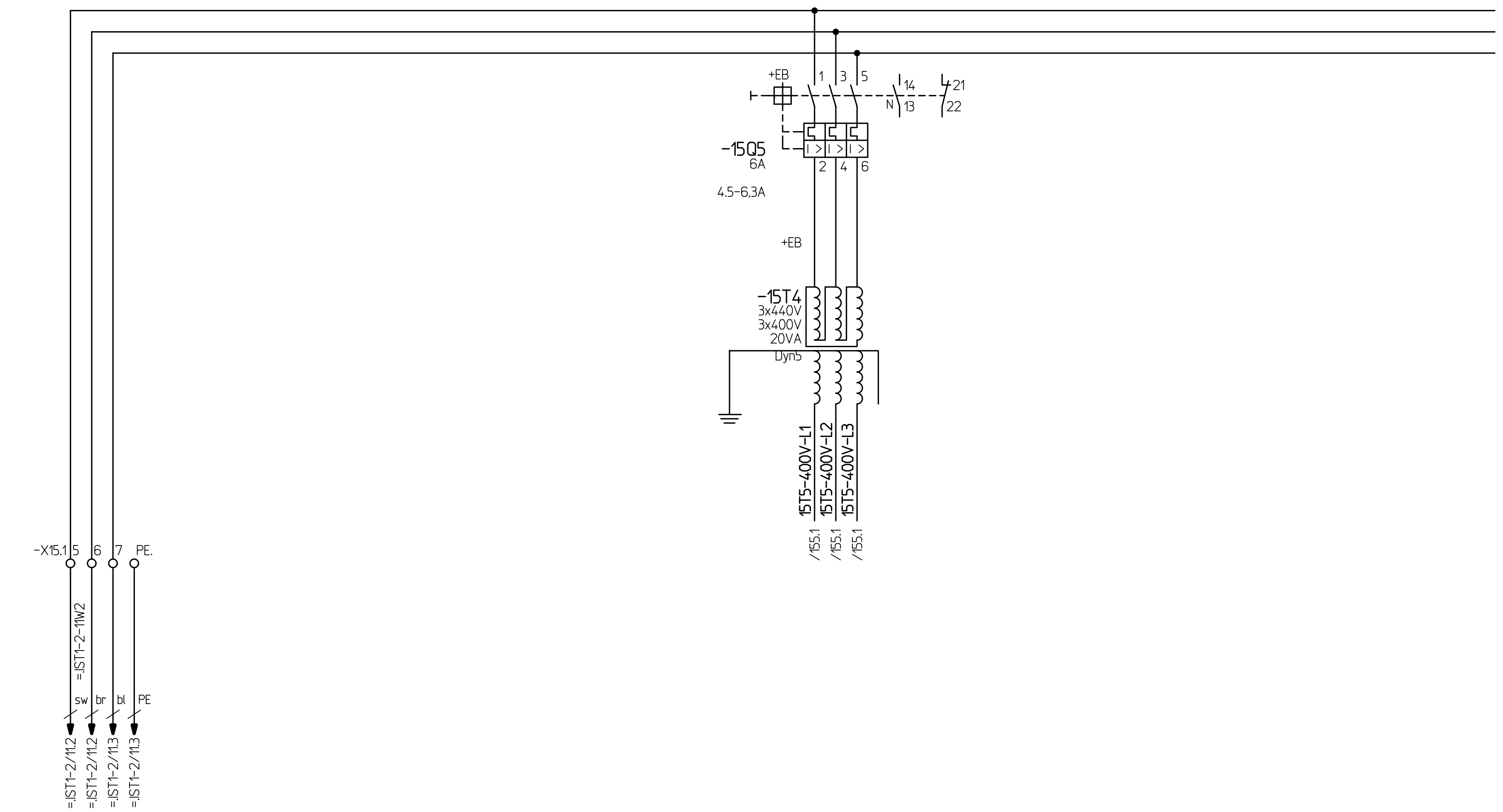
Bildbeschreibung IMAGE DESCRIPTION: Inc. mains voltage step up tr. 2 4,16kV

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 14 / 215 BL

Index | changing | Date | name



Measuring ST1 voltage
for +IST1-2
440V

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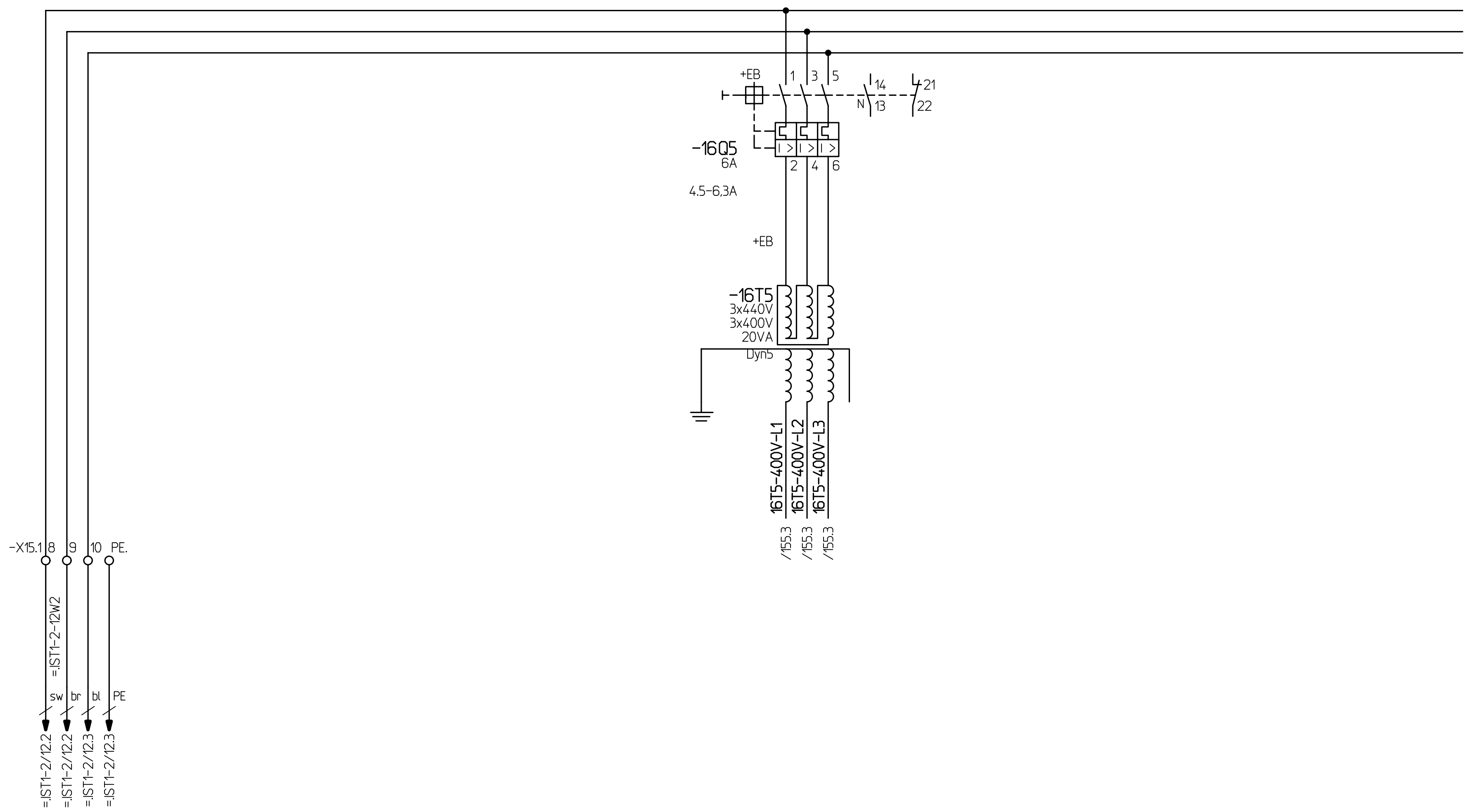
Bildbeschreibung
IMAGE DESCRIPTION

Inc. voltage station tr. 1 440V

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 15 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION

Inc. voltage station tr. 2 440V

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 16 / 215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

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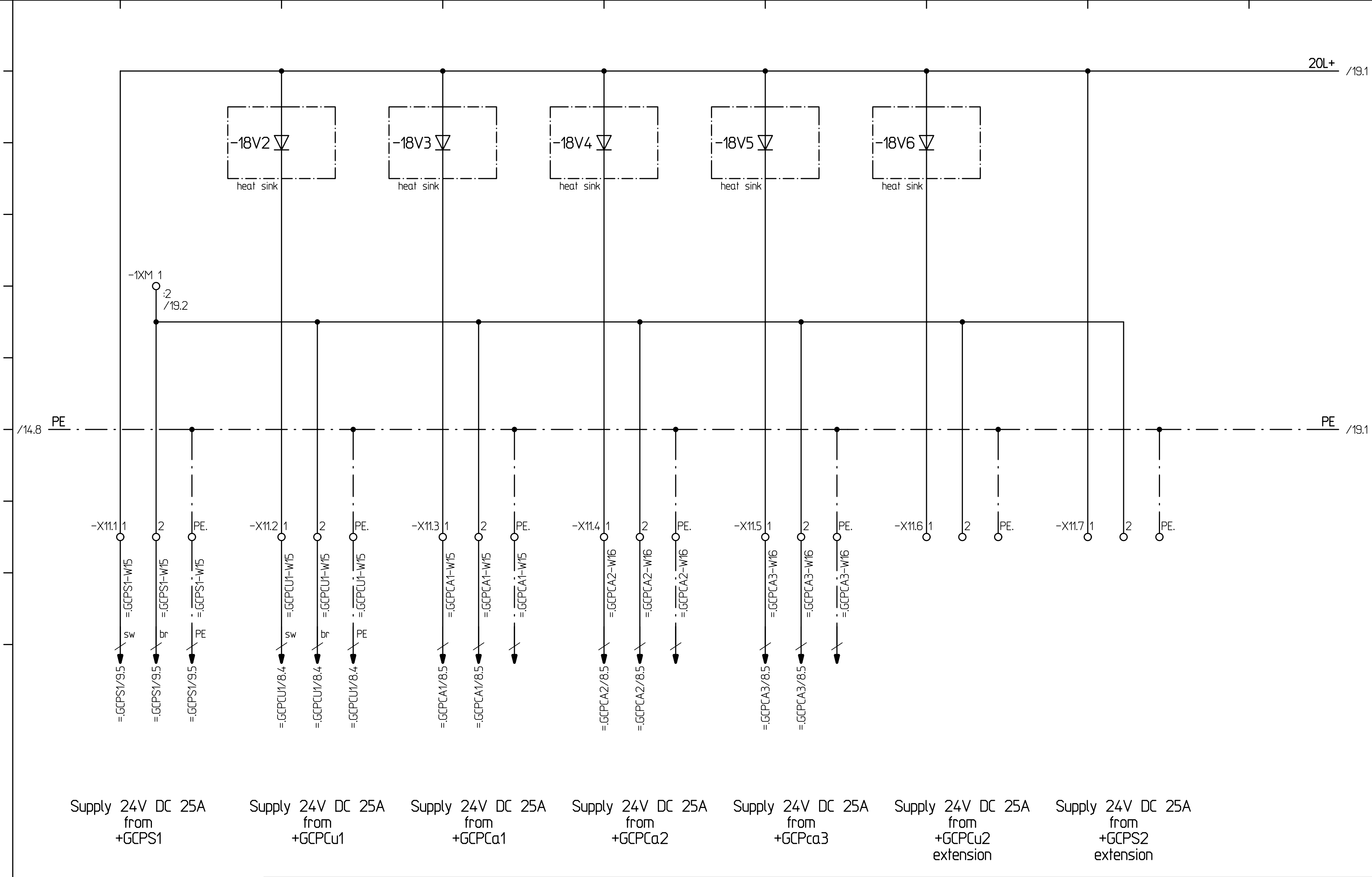

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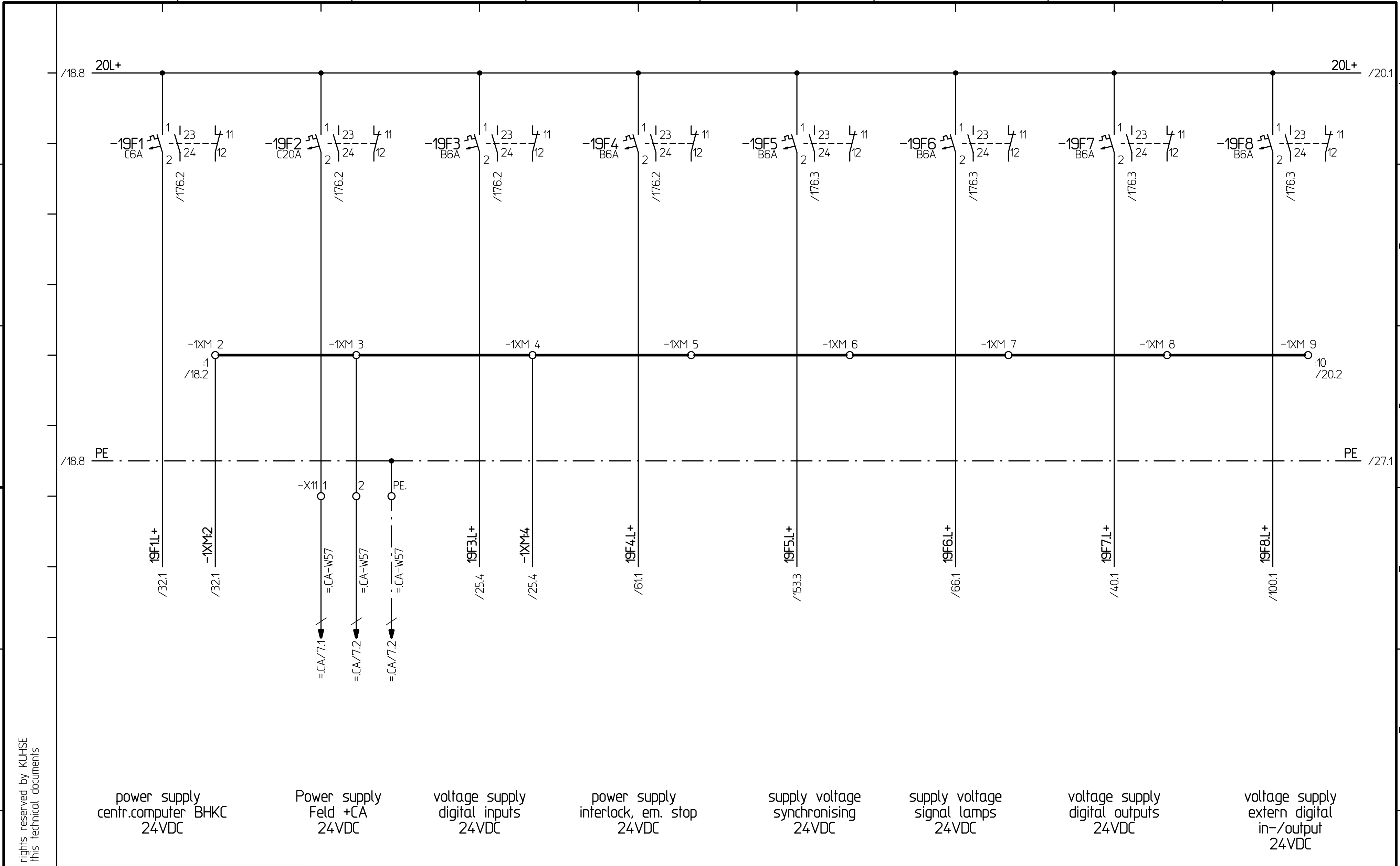
Bildbeschreibung IMAGE DESCRIPTION: 24VDC supply from +GCP's

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm 33	Orig. / Ersf.	Ersd. 29.06.05			page 18 / 215 BL



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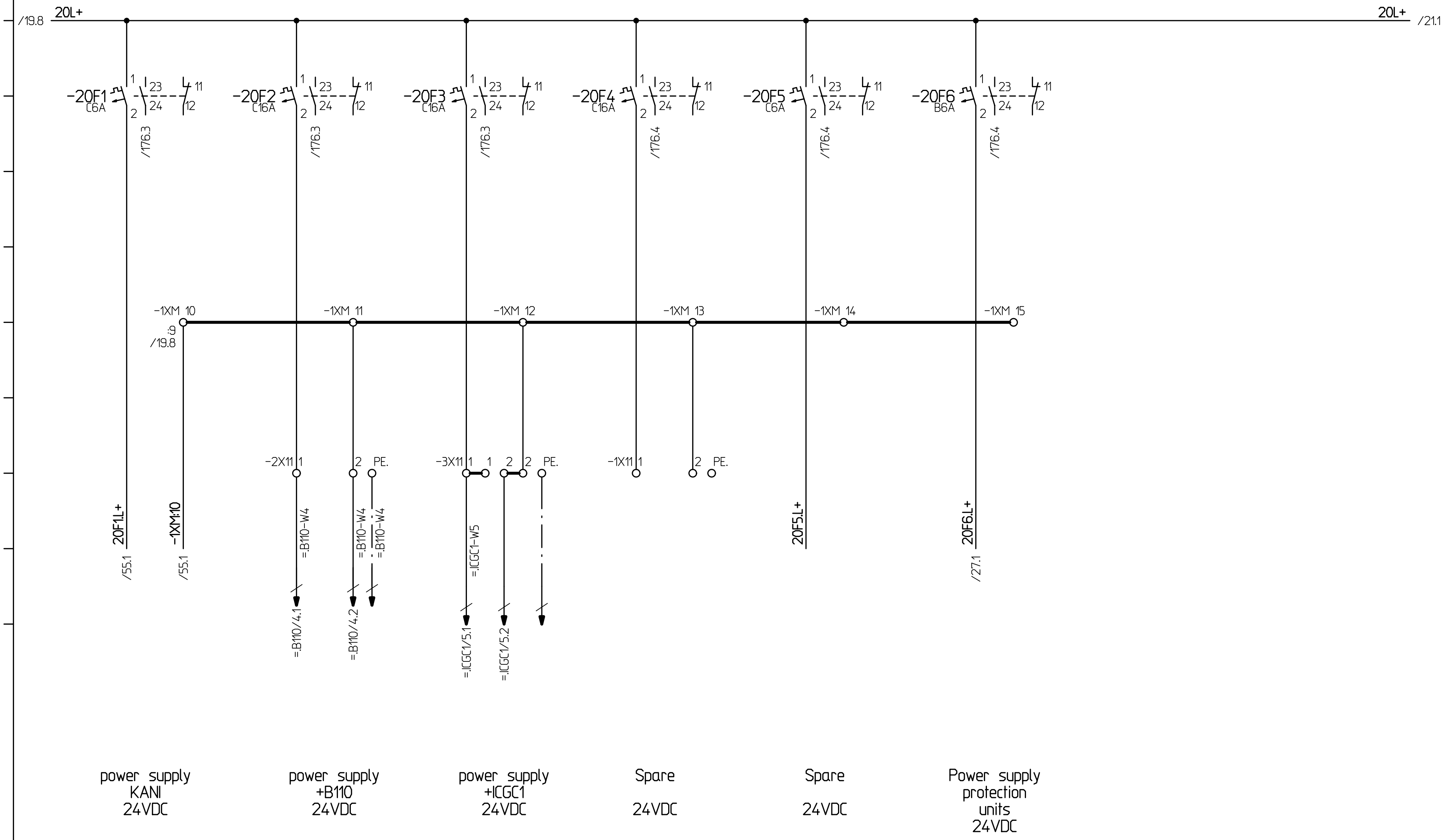
Bildbeschreibung
IMAGE DESCRIPTION

24VDC supply feeders

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 19 / 215 BL

Index | changing | Date | name



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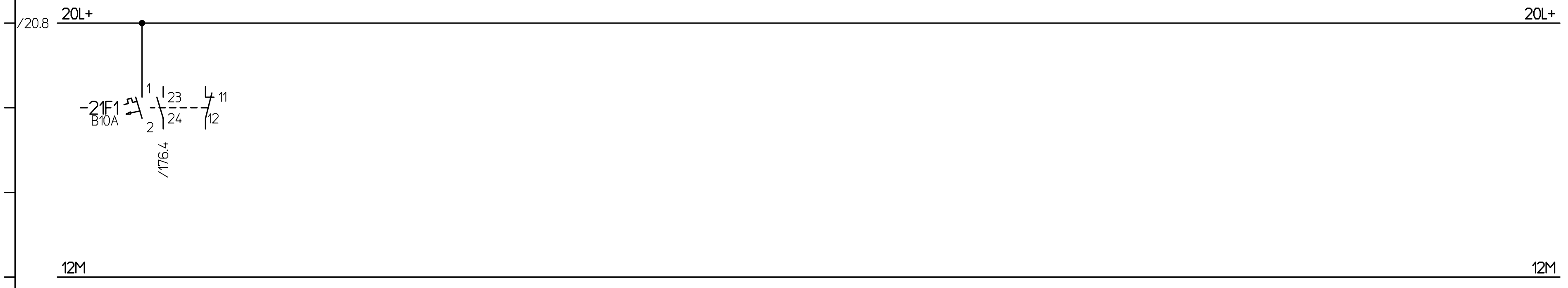
Bildbeschreibung
IMAGE DESCRIPTION

24VDC supply feeders

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			page 20 215 BL



voltage supply
spare
24VDC

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Bildbeschreibung
IMAGE DESCRIPTION

24VDC supply feeders

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 21 215 BL

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Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 22
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 23
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 24 215 BL

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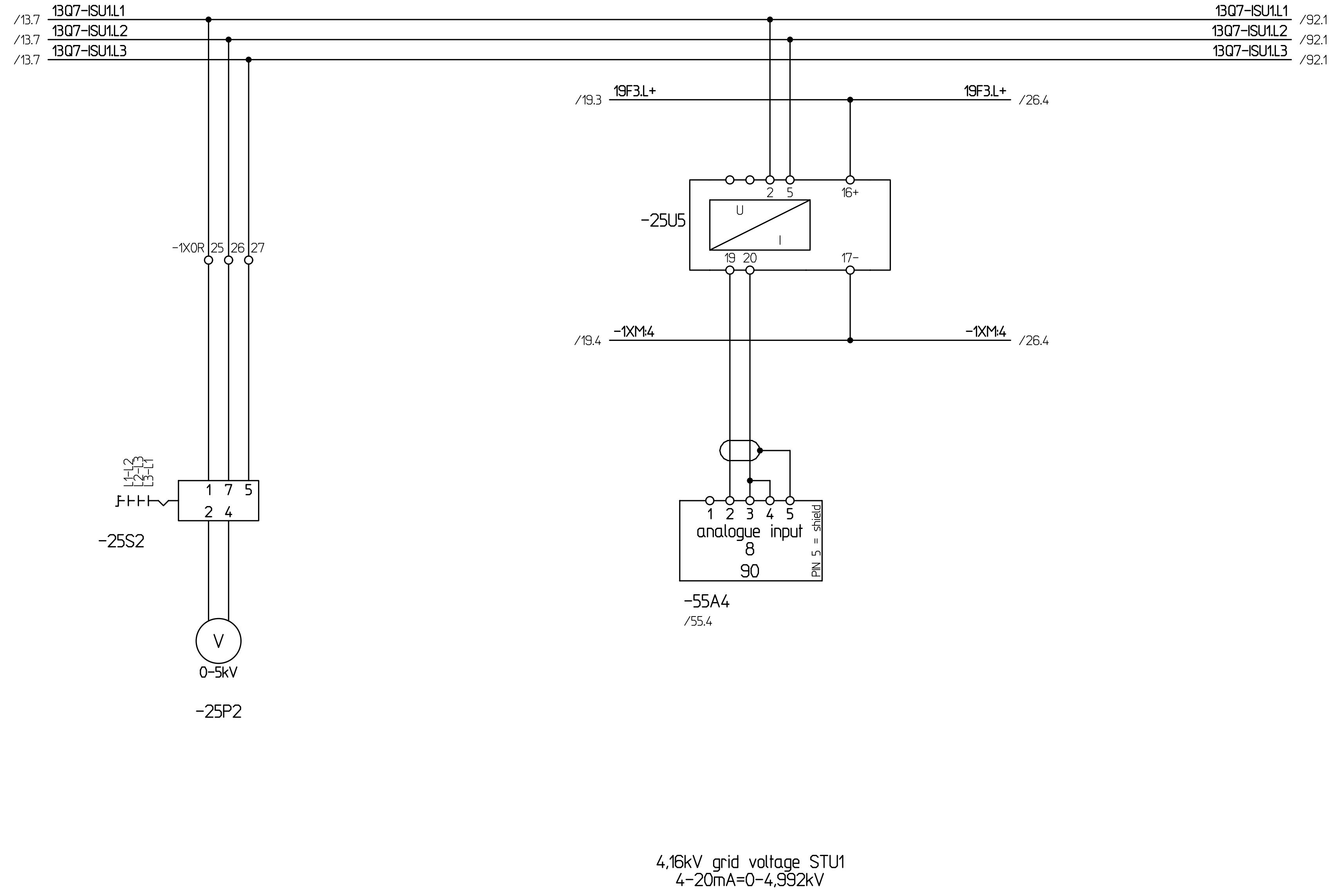

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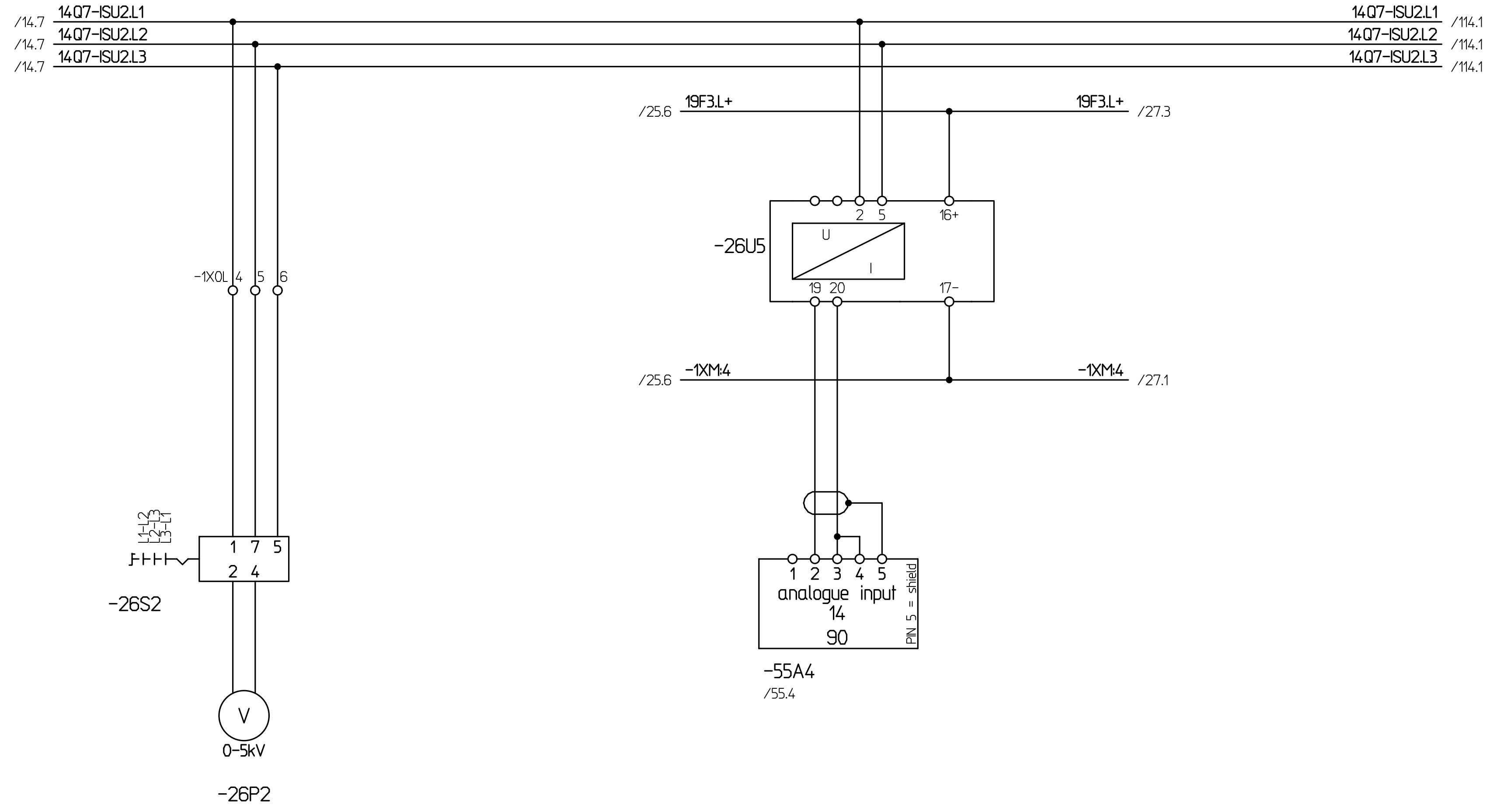
Bildbeschreibung IMAGE DESCRIPTION	Measuring grid voltage 4,16kV STU1

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730	page 25
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



4,16kV grid voltage STU2
4-20mA=0-4,992kV

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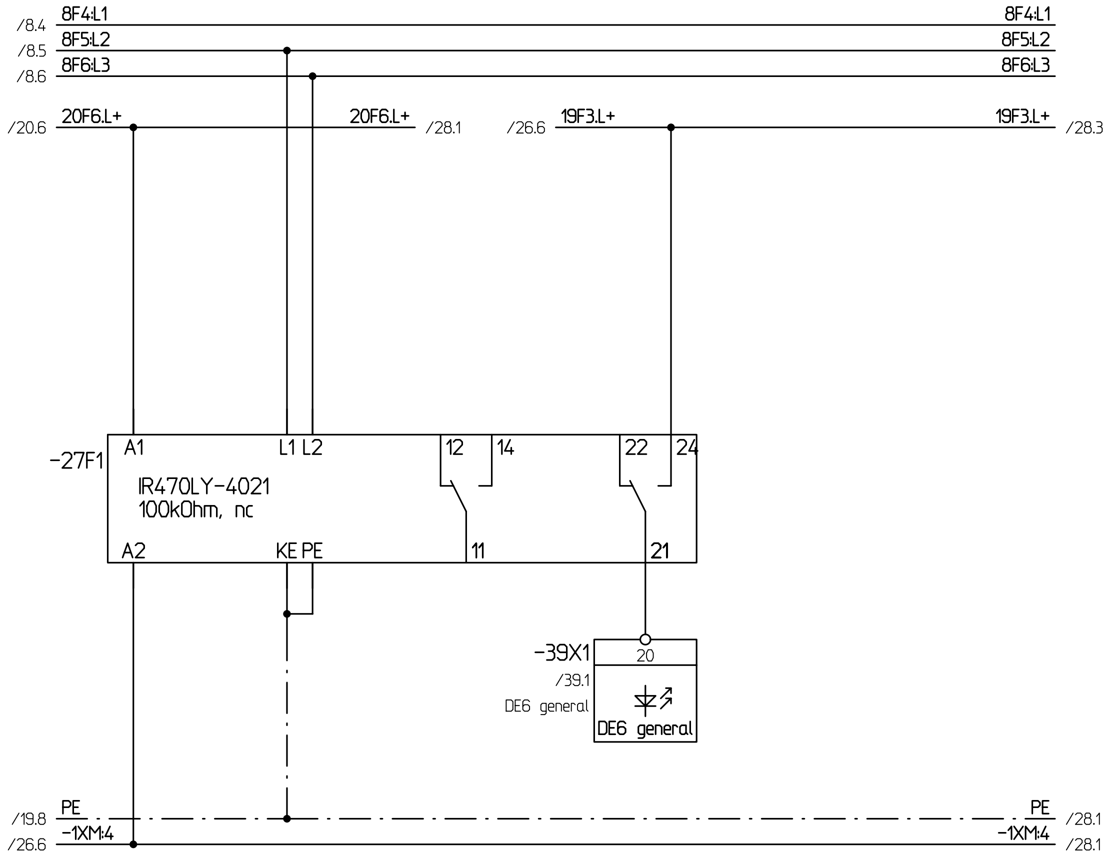
Bildbeschreibung
IMAGE DESCRIPTION
Measuring grid voltage 4,16kV STU2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730 / 43730	page 26
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



Earth fault bus-bar gen. Ca.1-3 n.c.

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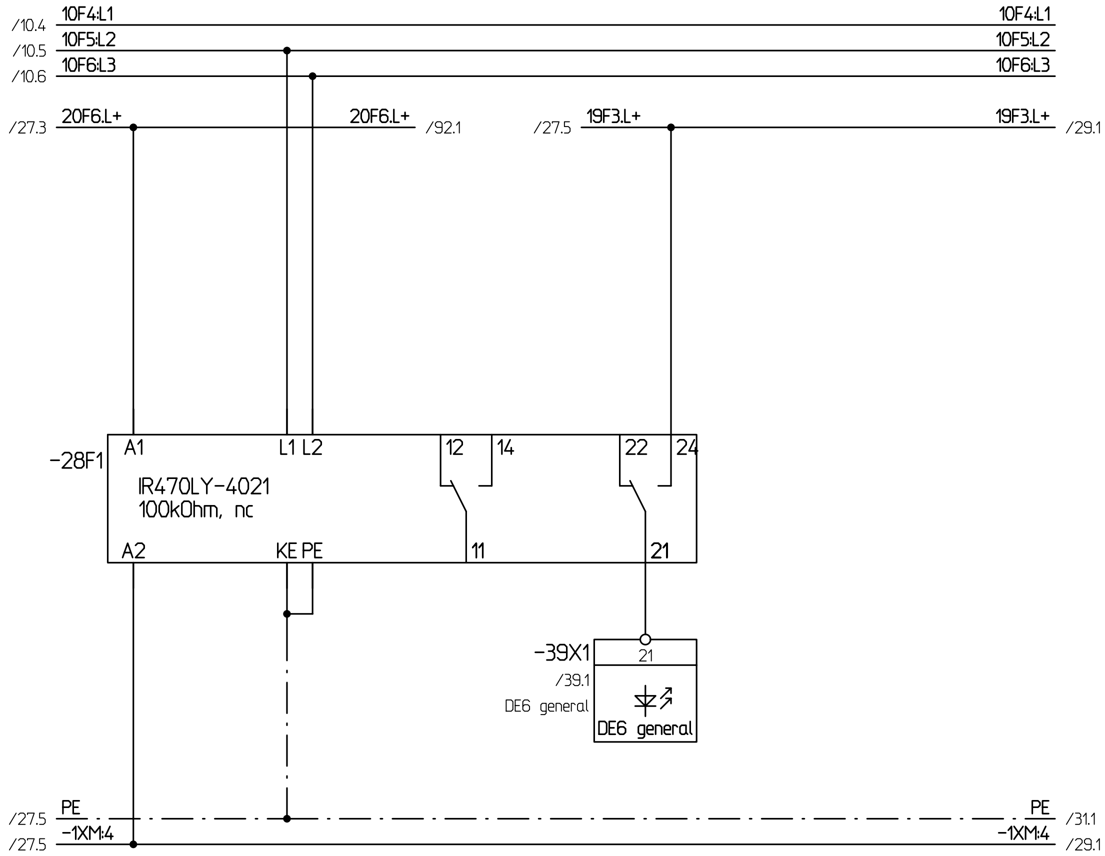
Bildbeschreibung
IMAGE DESCRIPTION

Earth fault protection busbar CAT1-3

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730 page 27
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL



Earth fault bus-bar station tr. 1/2

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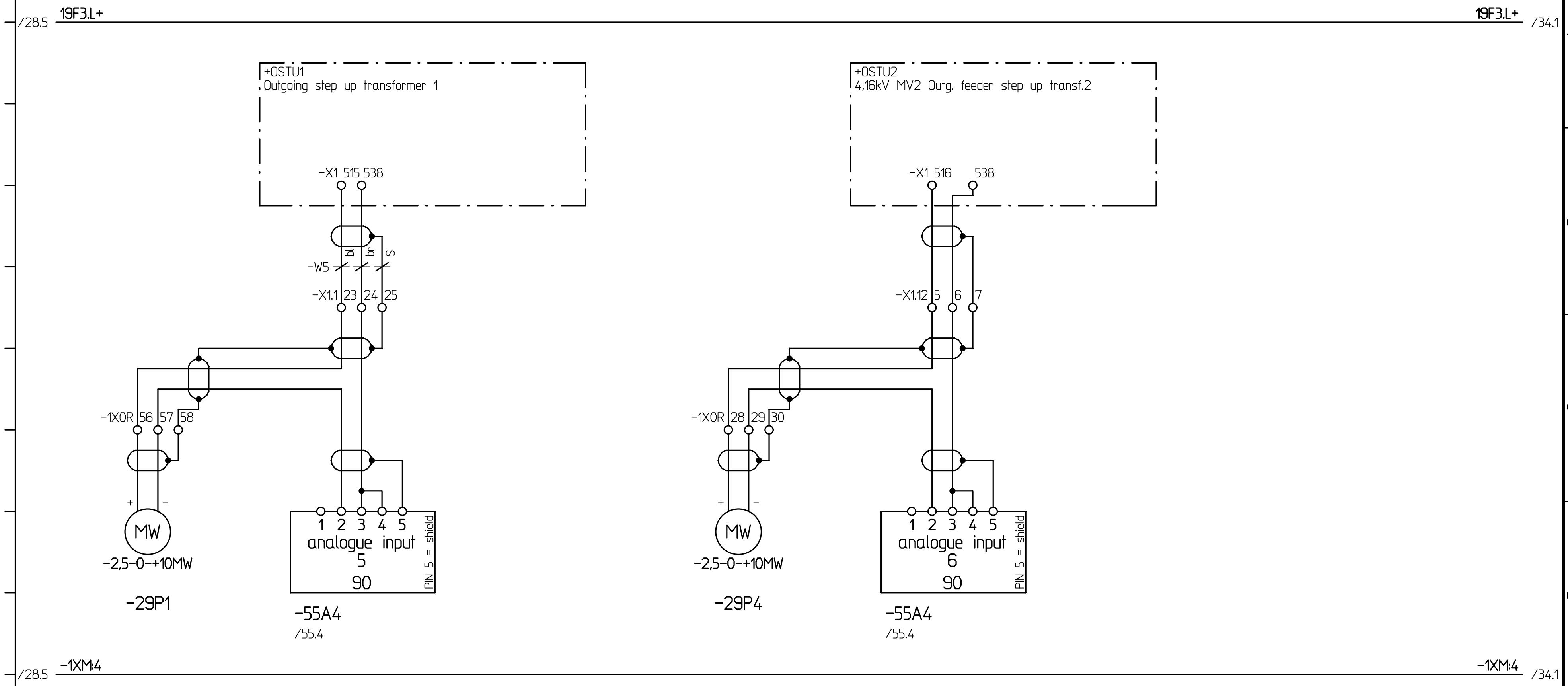
Bildbeschreibung IMAGE DESCRIPTION	Earth fault protection busbar ST1/2

Index	changing	Date	name							
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 28 / 215 BL



Active power STU1
4-20mA=-2,5-0-+10MW (-250-+1000)

Active power STU2 extension
4-20mA=-2,5-0-+10MW (-250-+1000)

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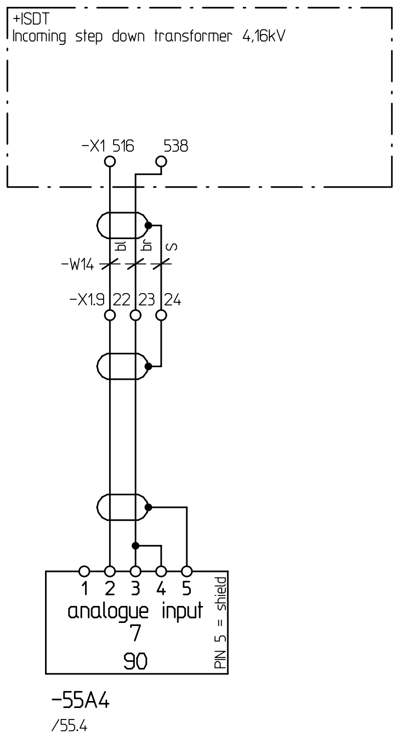
Bildbeschreibung
IMAGE DESCRIPTION

Measuring power STU1-2

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730 / page 29
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		215 BL



Active power SDT
4-20mA=-1,15-0-+4,6MW (-1150-+4600)

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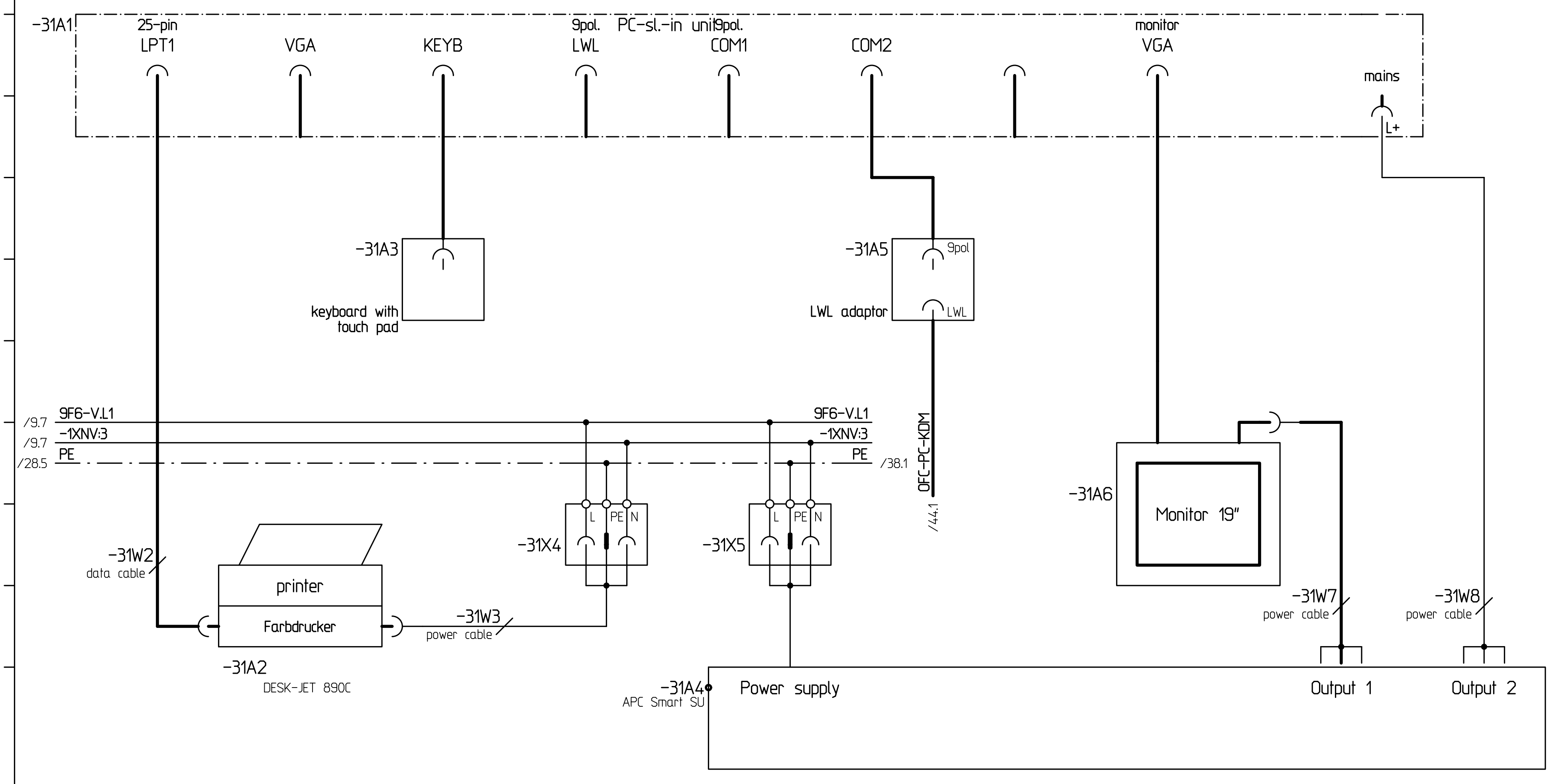
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730 page 30
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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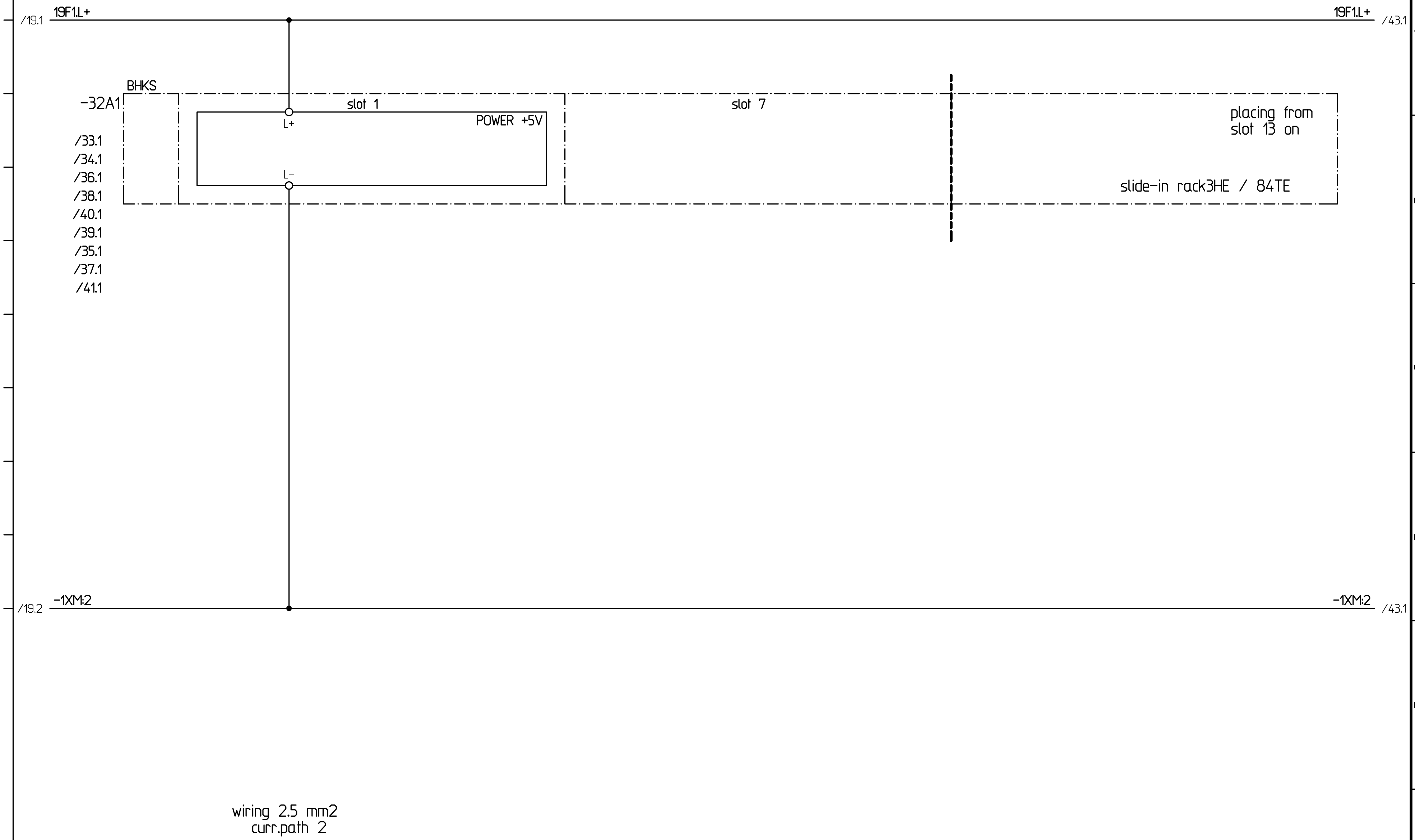
Bildbeschreibung
IMAGE DESCRIPTION

PC external

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			page 31 215 BL



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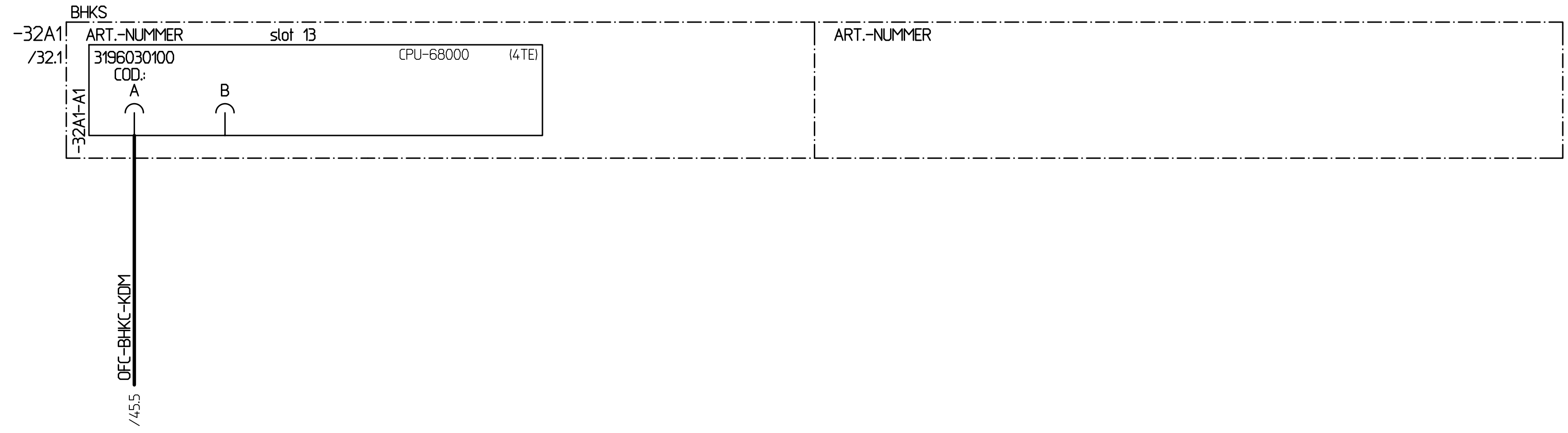
Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 STPL 01-07, power supply unit

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 32 / 215 BL



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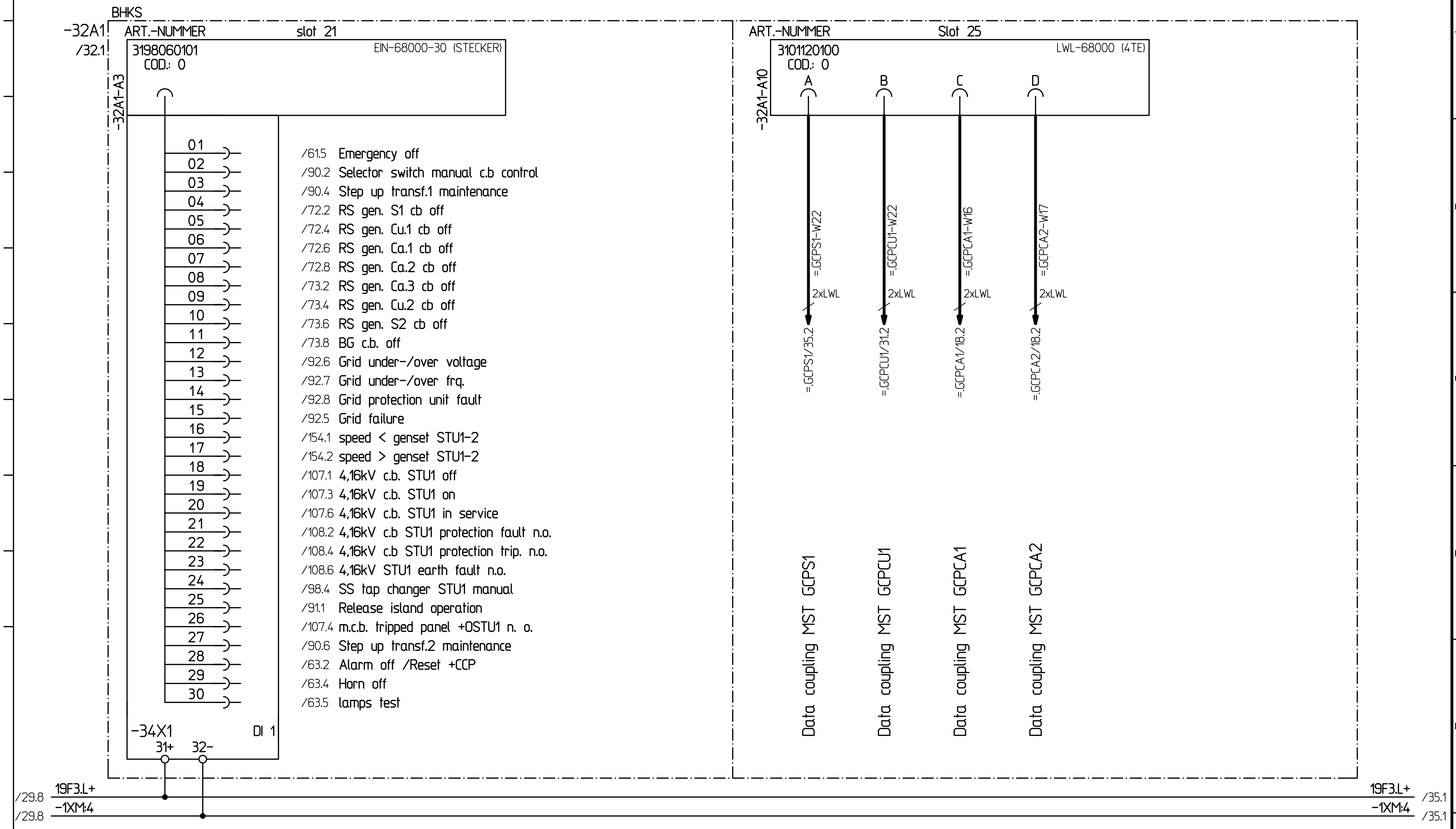
Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot13-17, CPU

Index	changing	Date	name								
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					43730	43730
				Check	A. Stellmann						page 33
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL



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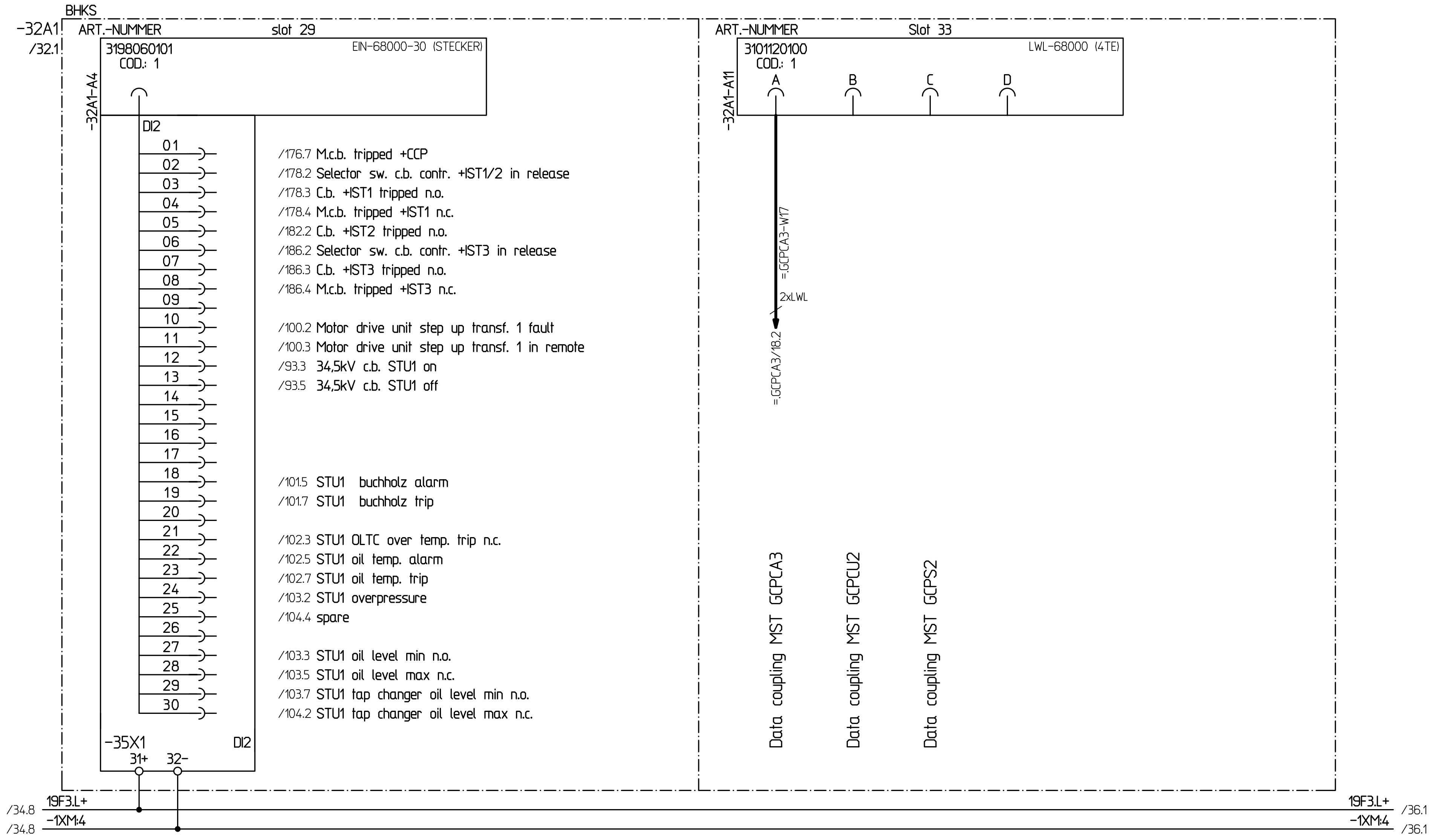
Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 slot 21-25, DI1, OFC1

Index	changing	Date	name							
				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		



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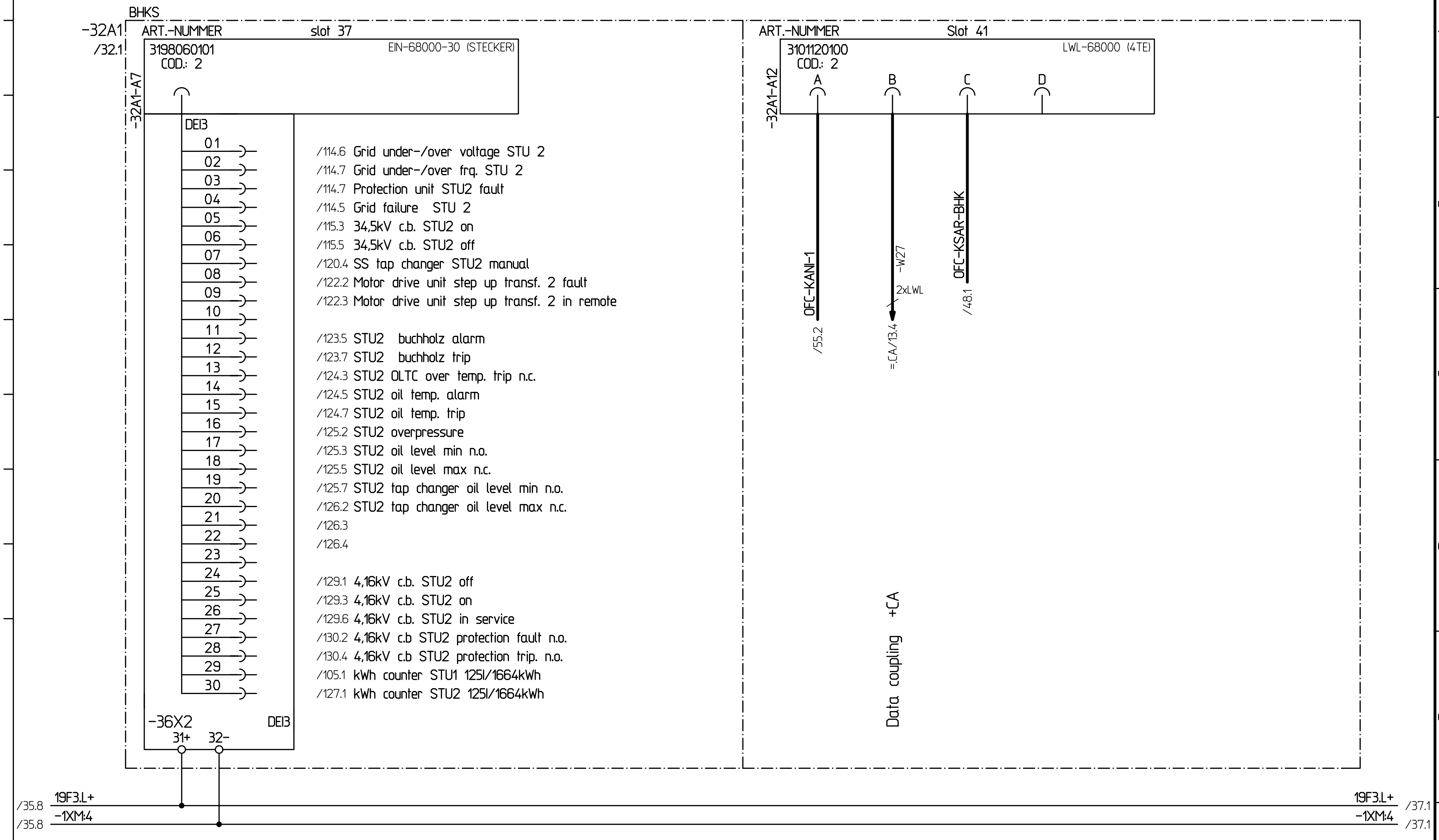
Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 slot 29-33, DI2, OFC2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			page 35 / 215 BL



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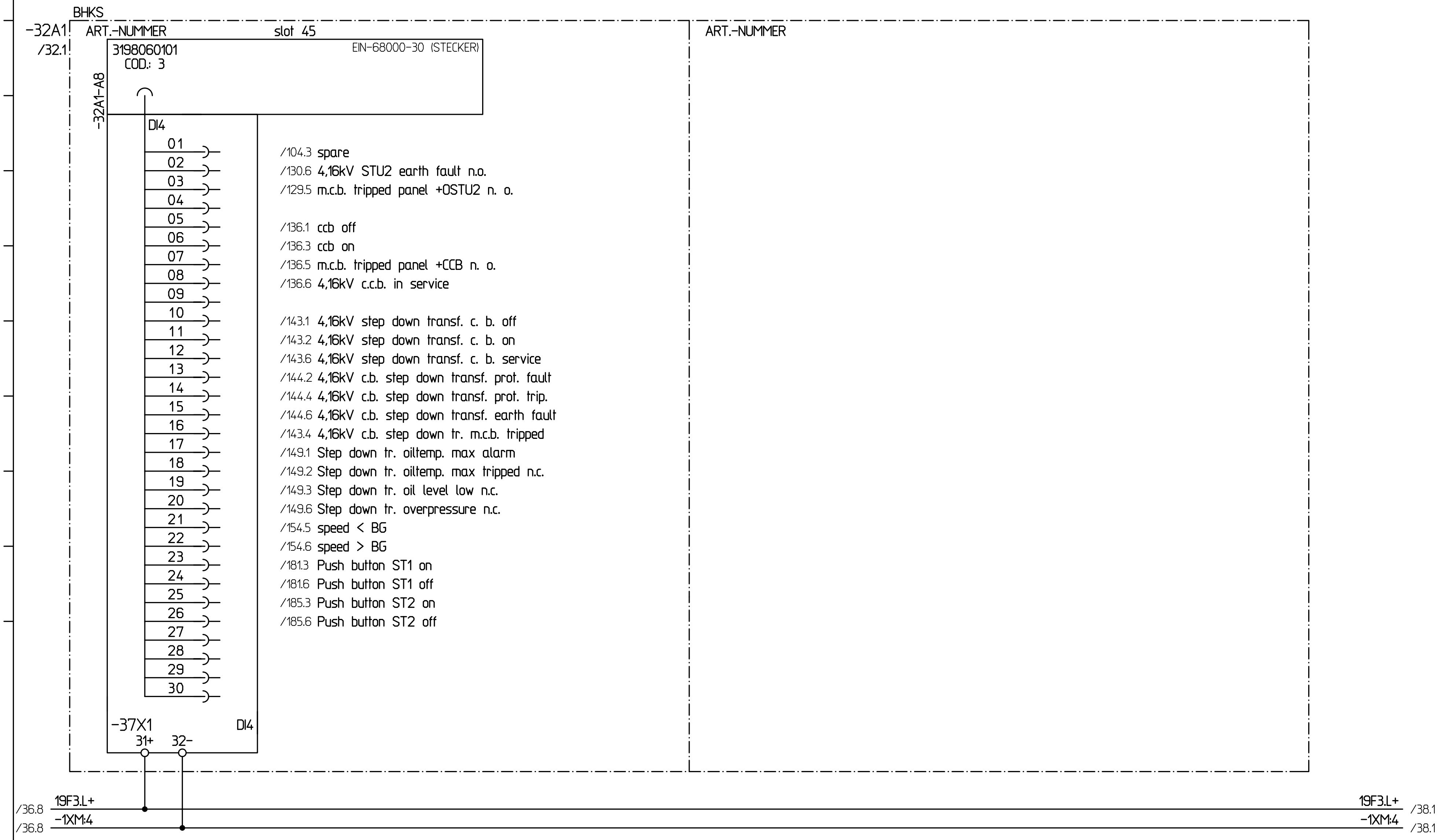
Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 slot 37-41, DI3, OFC3

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 36 215 BL



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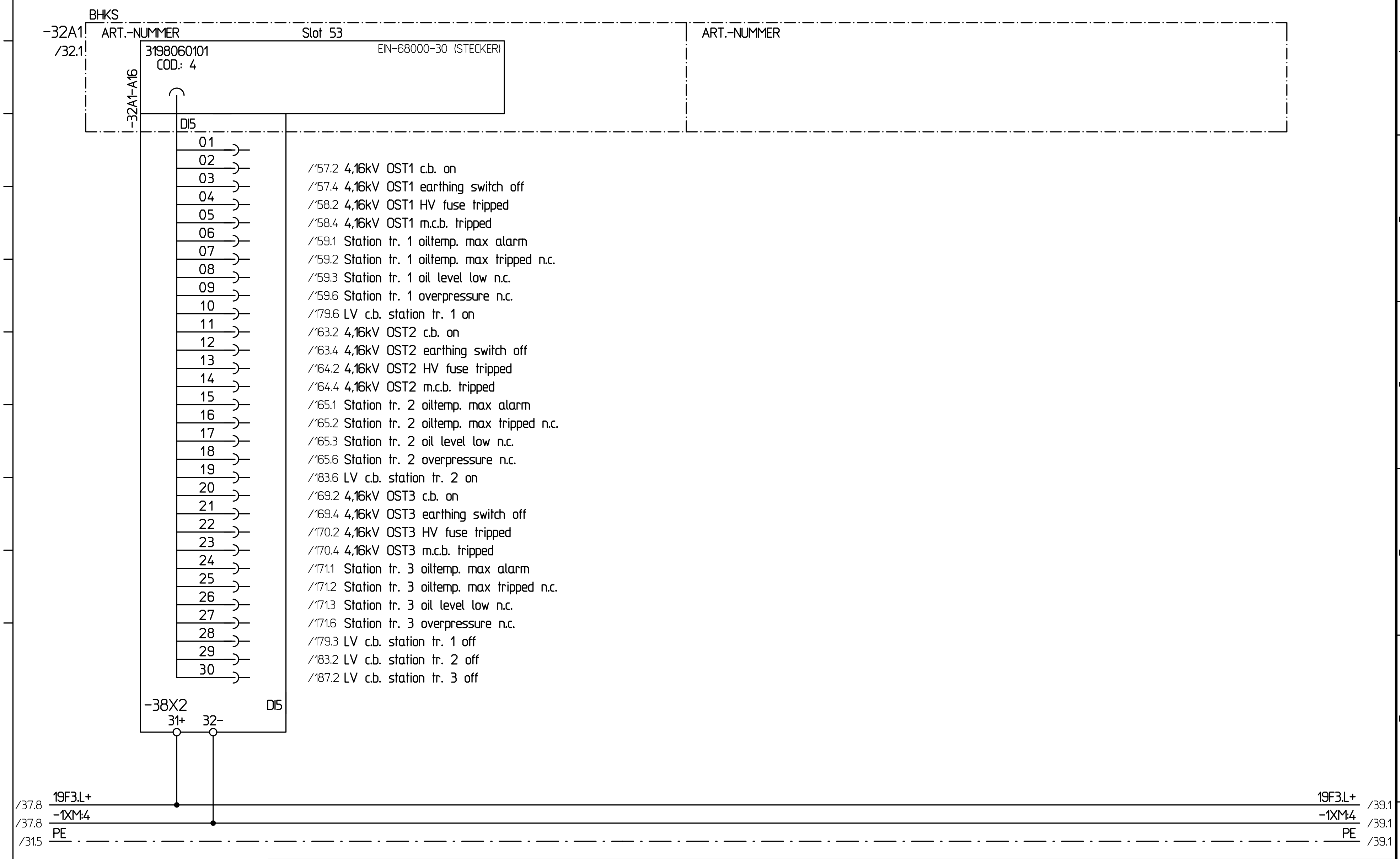
Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 slot 45-49, DI4

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730	page 37 / 215 BL
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			



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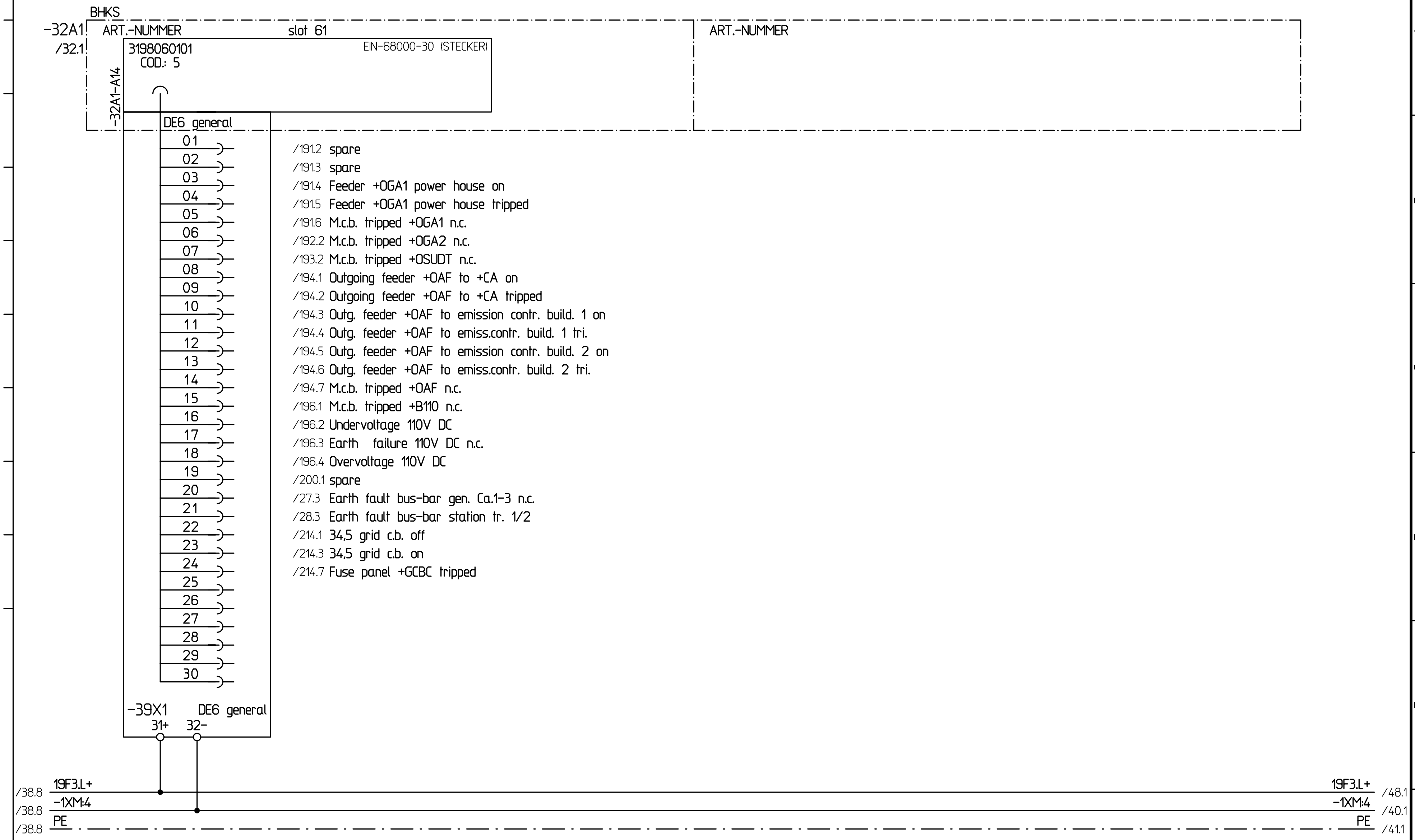
Bildbeschreibung
IMAGE DESCRIPTION
BHKS 68000 slot 53-57, DI5

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 38 215 BL

Index | changing | Date | name



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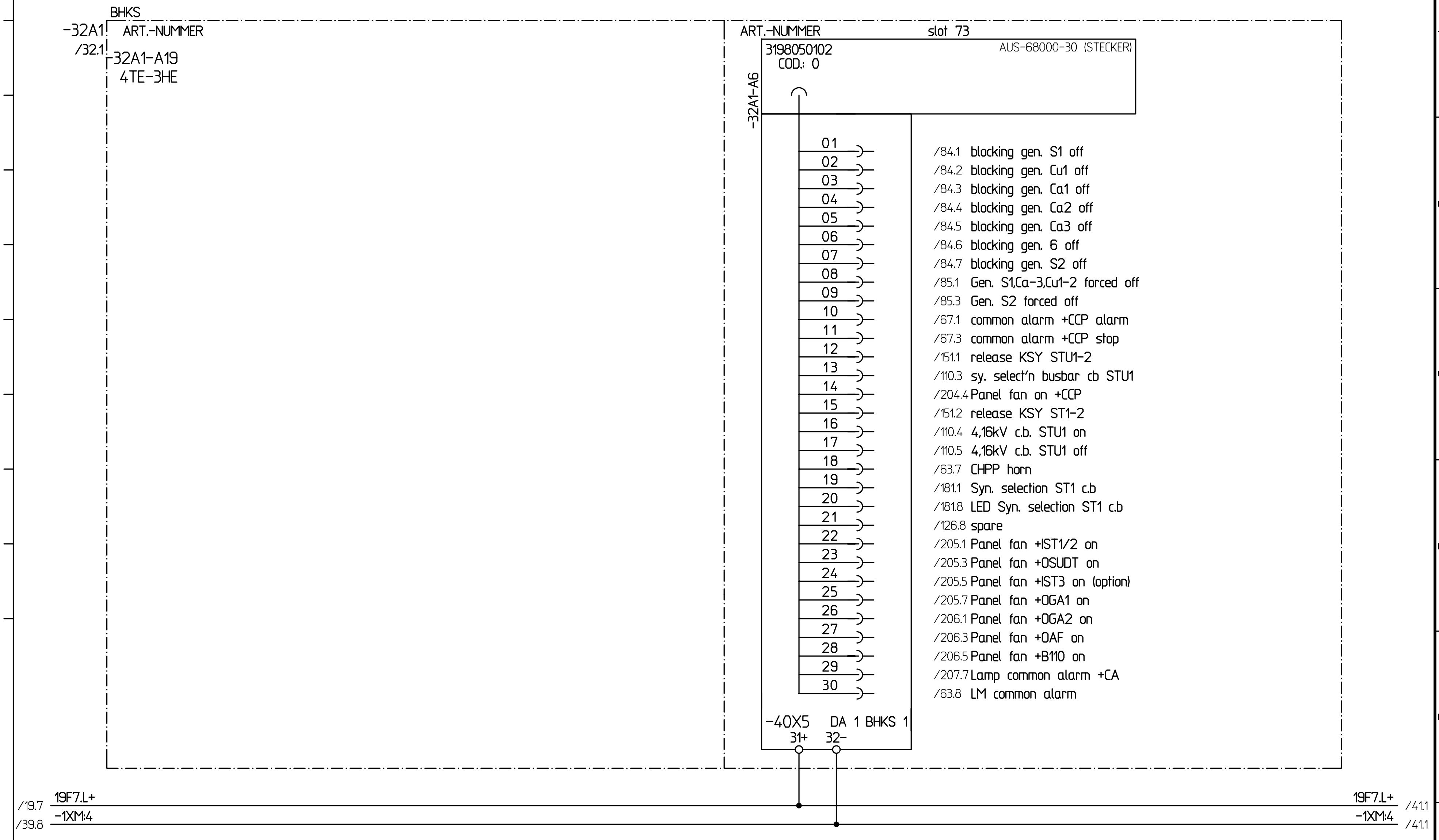
Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot 61-65, DI6

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 39 / 215 BL

Index | changing | Date | name



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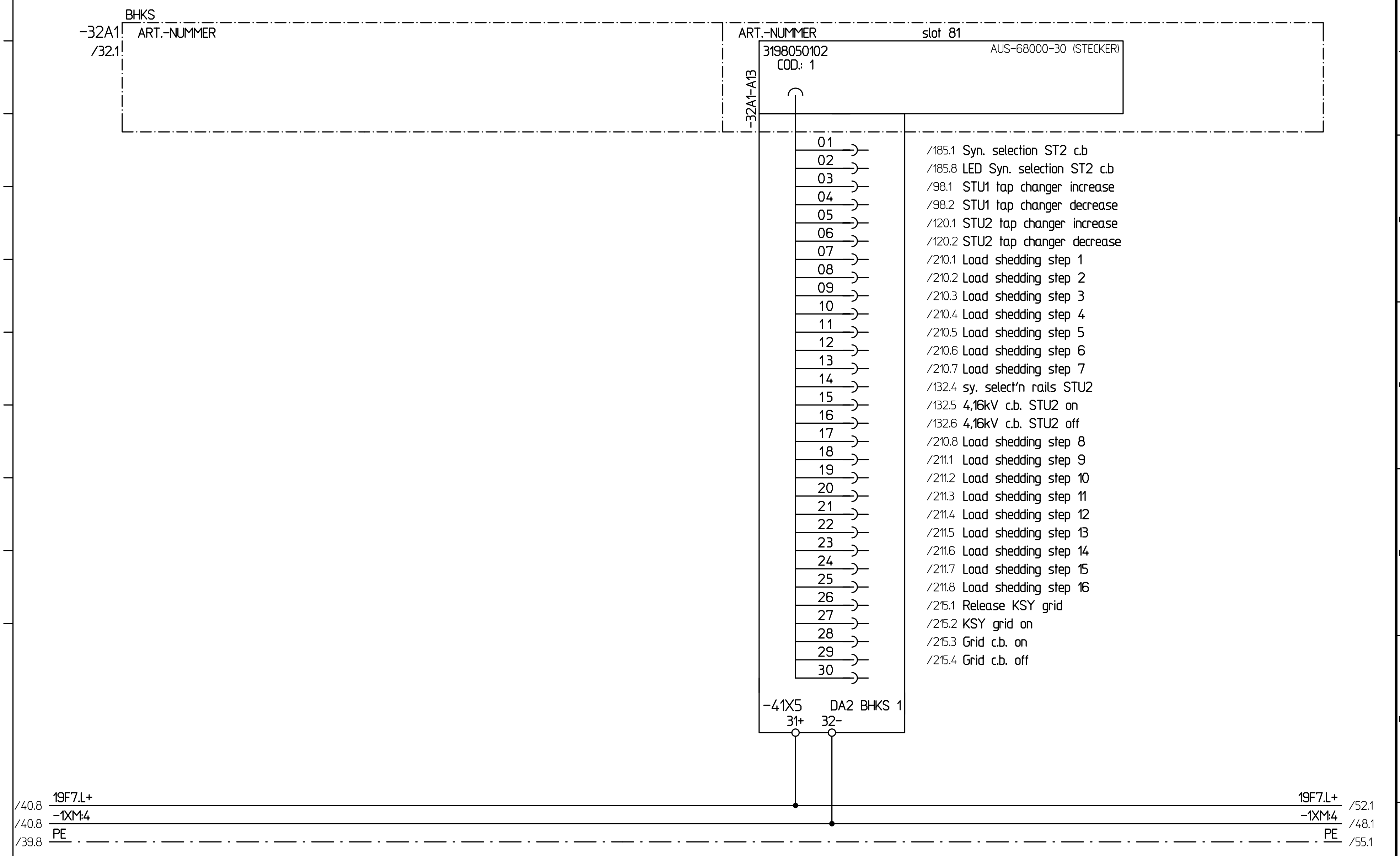
Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot 69-73, D01

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP
Check	A. Stellmann				+CCP
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730 / 43730

Index | changing | Date | name



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Bildbeschreibung
IMAGE DESCRIPTION
BHKS 68000 slot 77-81, D02

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 41 / 215 BL

Index | changing | Date | name

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC		+CCP
				Check	A. Stellmann				Common Control Panel	43730	43730	page 42
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05				215 BL

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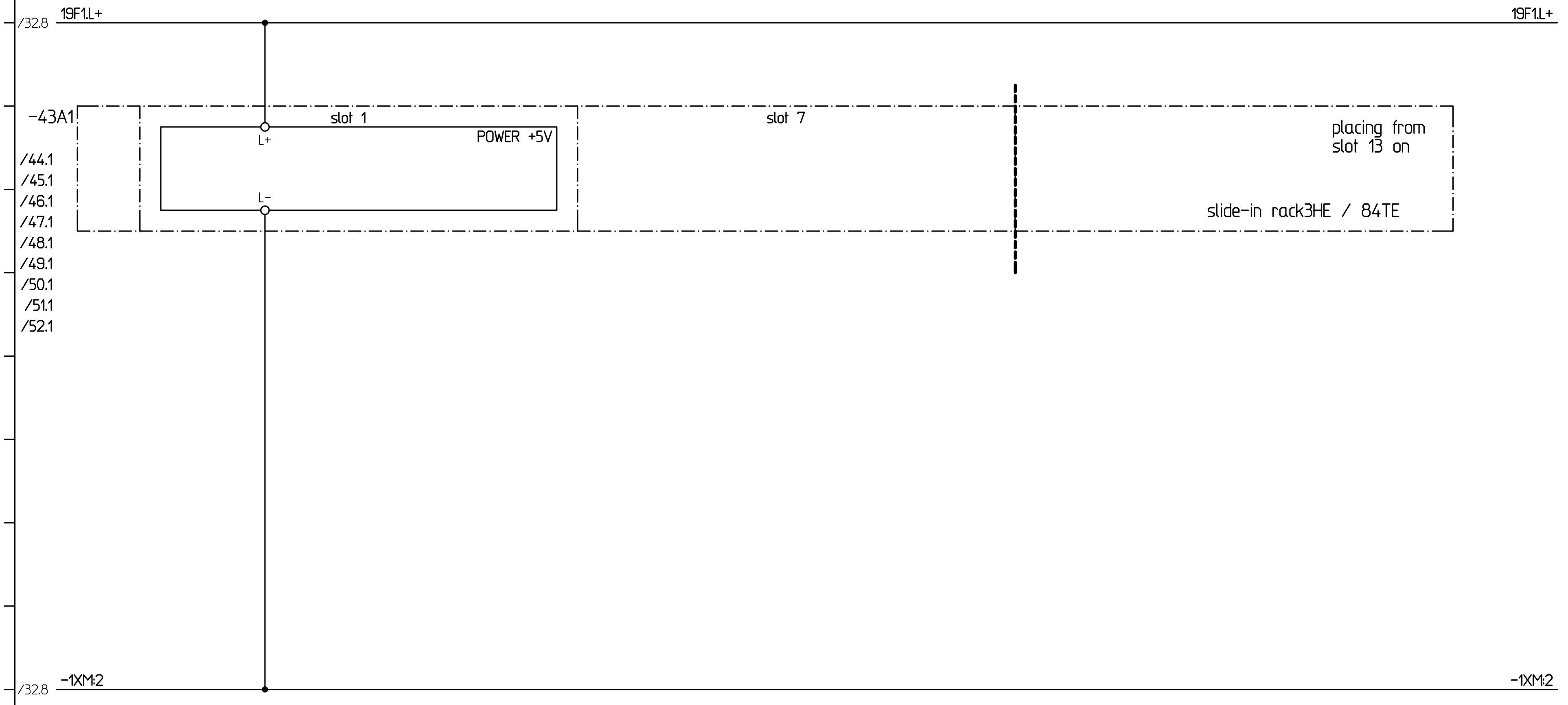

wiring 2.5 mm2
curr.path 2

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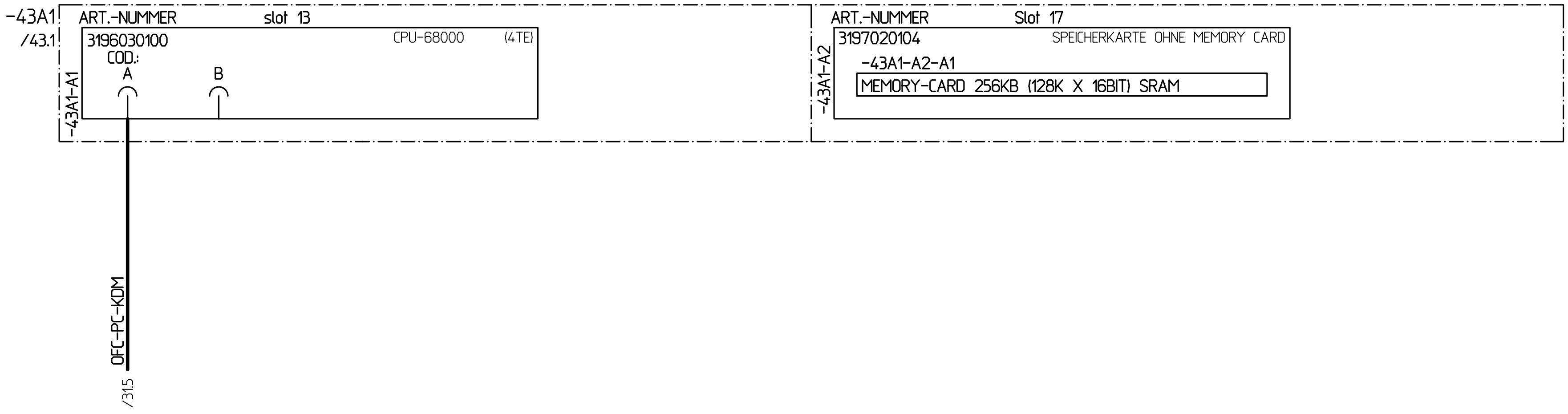
Bildbeschreibung
IMAGE DESCRIPTION
KDM power supply unit SLOT 01

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 43 / 215 BL



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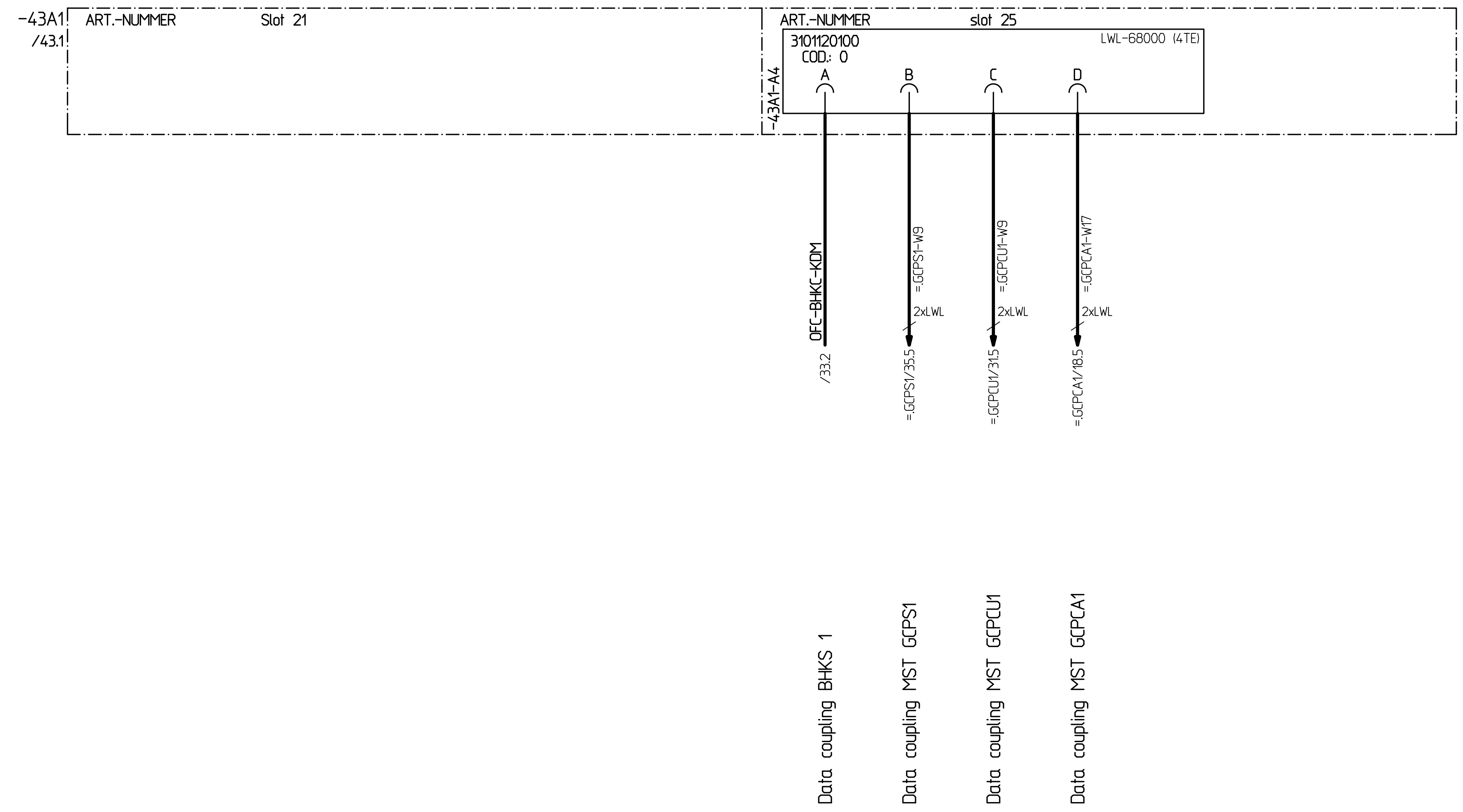
Bildbeschreibung
IMAGE DESCRIPTION

KDM slot 13-17, CPU

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 44 / 215 BL



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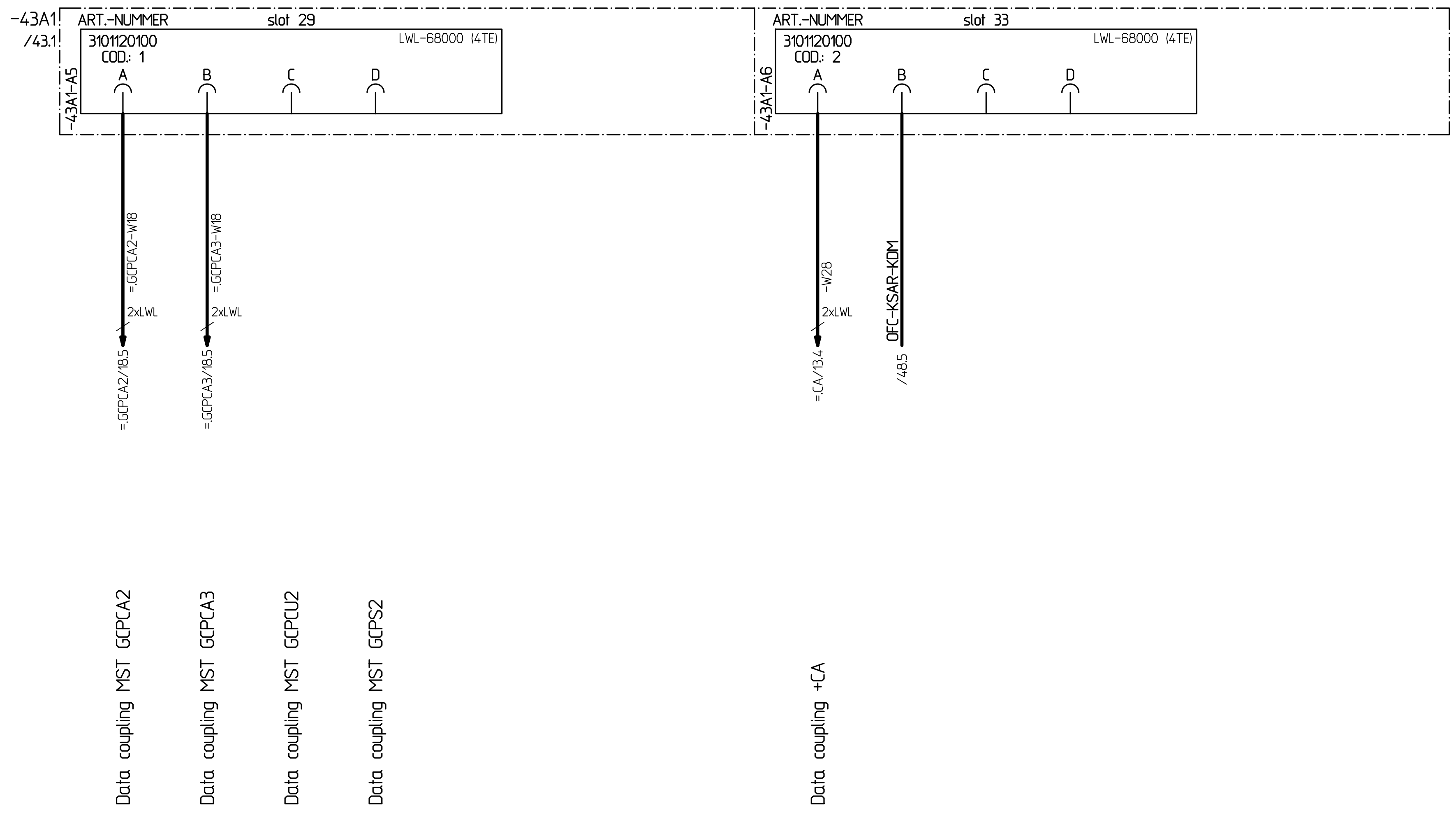
Bildbeschreibung
IMAGE DESCRIPTION

KDM slot 21-25, OFC1

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	



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Bildbeschreibung
IMAGE DESCRIPTION
KDM SLOT 29-33 OFC2, OFC3

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	43730
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 29.06.05		page 46
				Norm	33					215 BL

-43A1
/43.1

ART.-NUMMER
-43A1-A17
4TE-3HE

ART.-NUMMER
-43A1-A18
4TE-3HE

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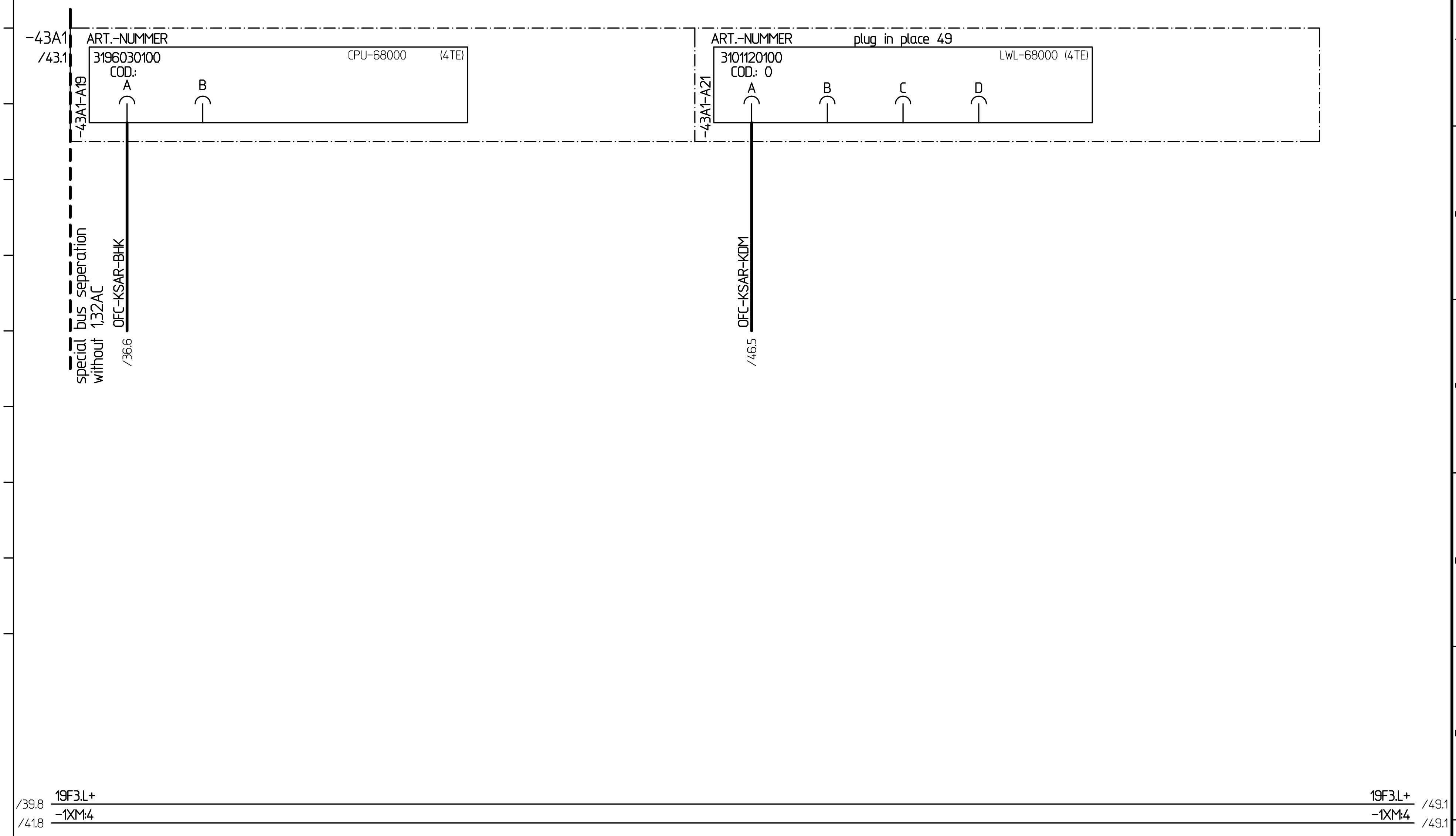
Bildbeschreibung
IMAGE DESCRIPTION
KDM SLOT 37-41

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann				43730	43730	page 47
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



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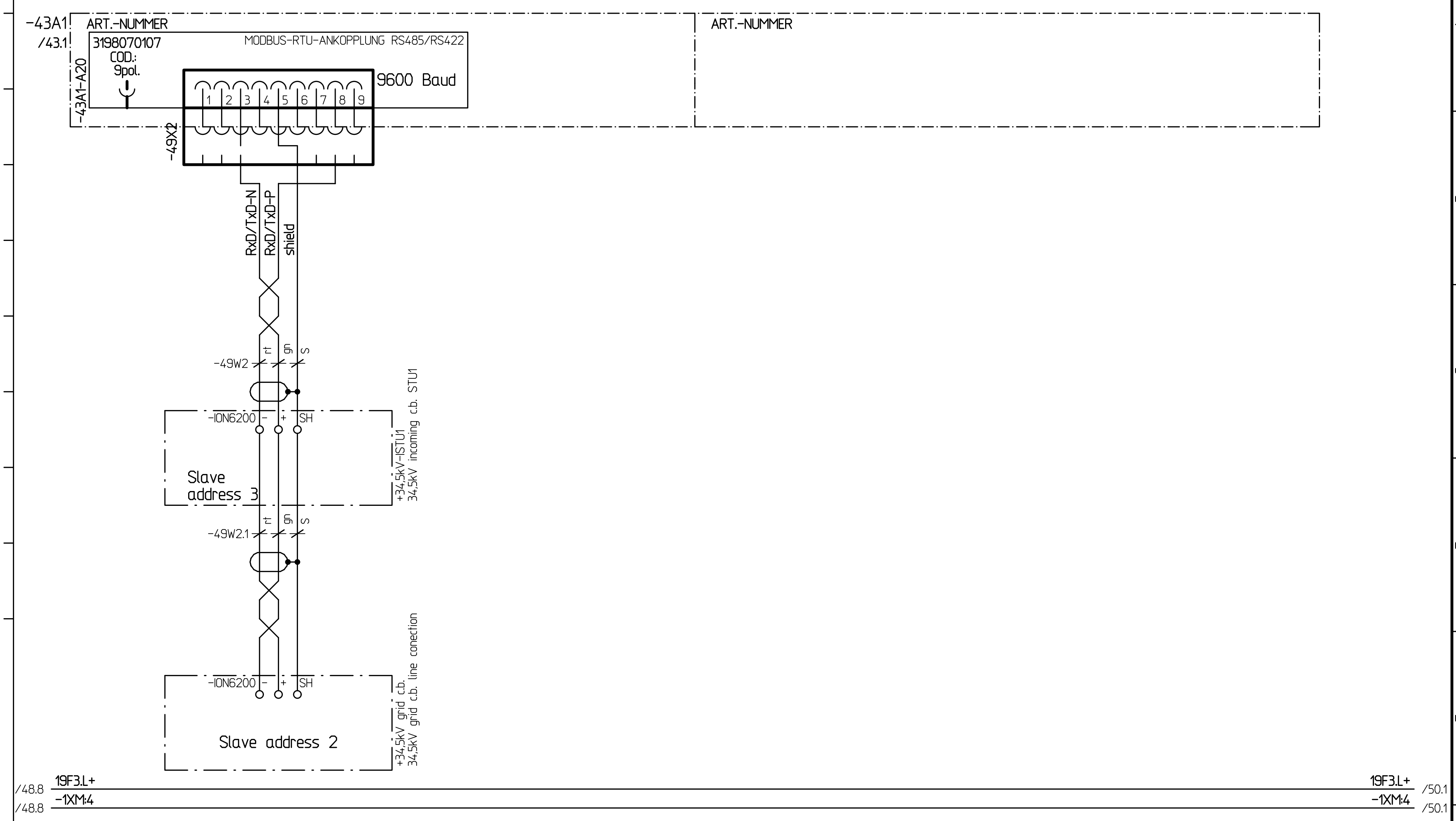
Bildbeschreibung
IMAGE DESCRIPTION
KDM STPL 45-49, KSAR-ION6200 meter

Index	changing	Date	name							
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 48 215 BL



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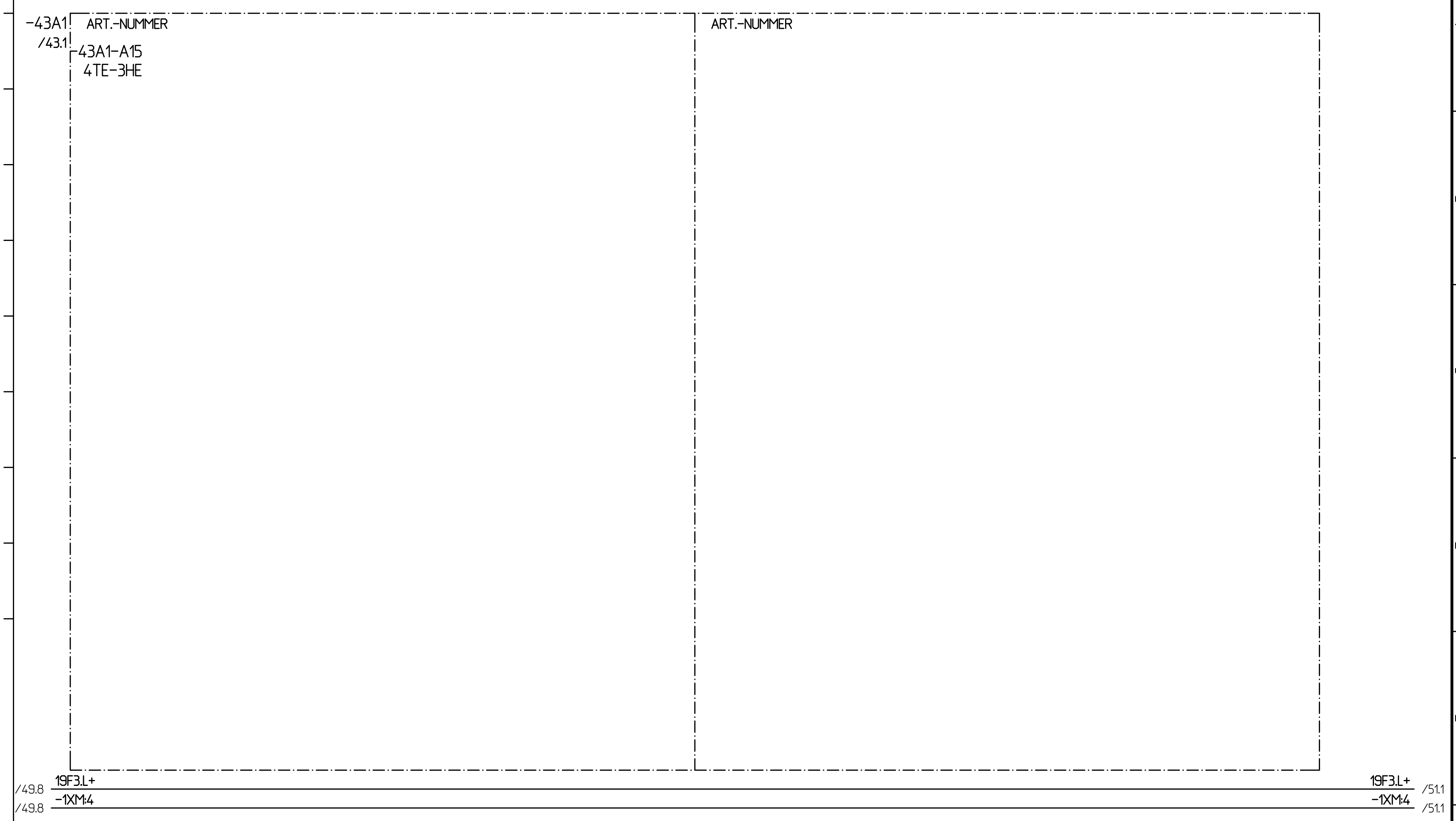
Bildbeschreibung / IMAGE DESCRIPTION: KDM STPL 53-57, Interface modbus

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 49 / 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION
KDM slot 61-65

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 50 215 BL

-43A1 ART.-NUMMER
/43.1 -43A1-A14
4TE-3HE

ART.-NUMMER

/50.8 19F3.L+ — 19F3.L+ /63.1
/50.8 -1XM:4 — -1XM:4 /52.1

Bildbeschreibung
IMAGE DESCRIPTION KDM slot 69-73

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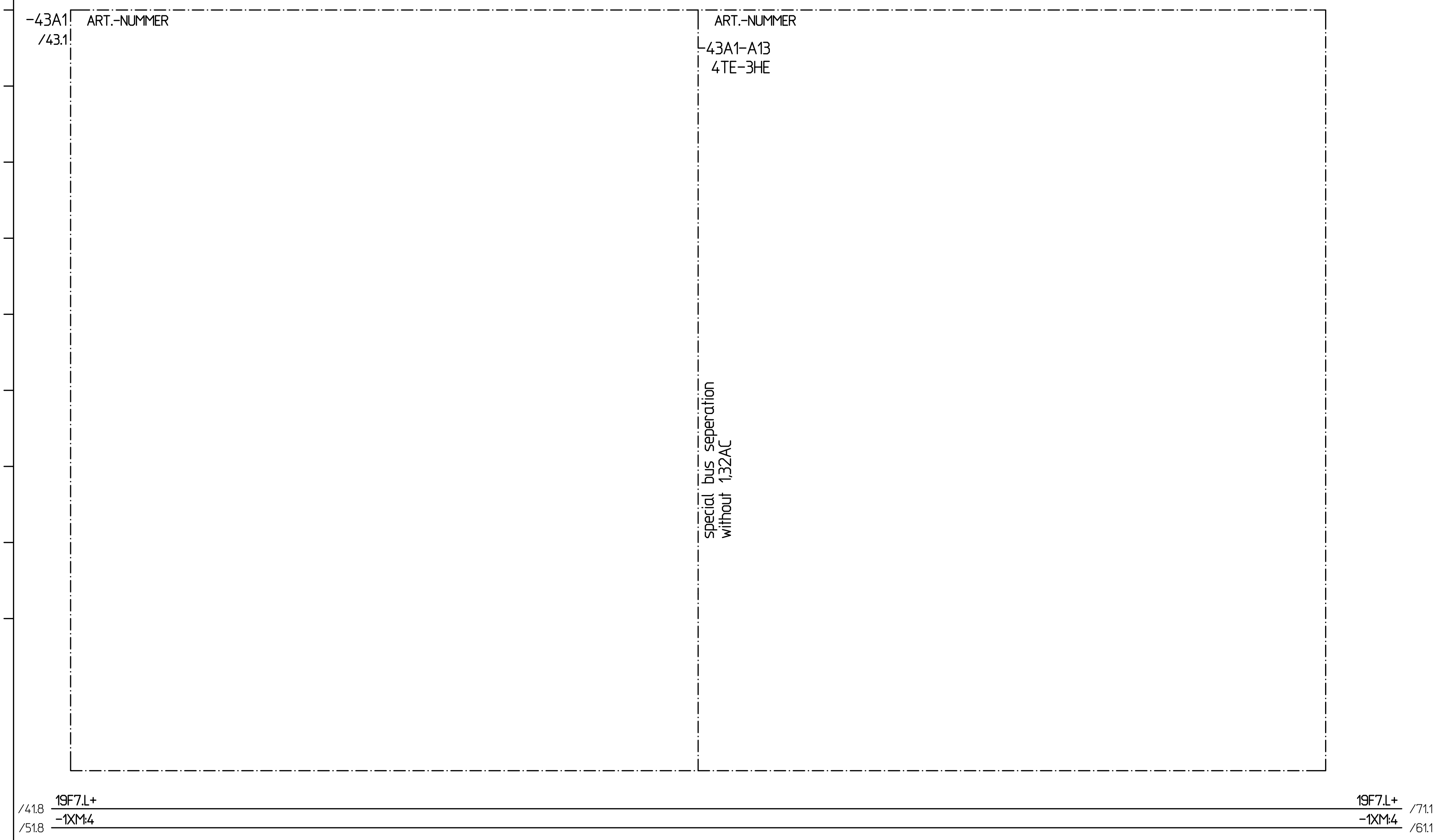
Index	changing	Date	name						
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / =DPP / +CCP
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 / 43730
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 51 / 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION

KDM slot 77-81

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 =DPP +CCP
			Desig.	A. Stellmann				
			Check	A. Stellmann				43730 · 43730 · page 52
Index	changing	Date	name	Norm 33	Orig. · Ers.f.	Ers.d. 29.06.05		215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
			Desig.	A. Stellmann					+CCP
			Check	A. Stellmann				43730	43730	page 53
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL

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Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 54
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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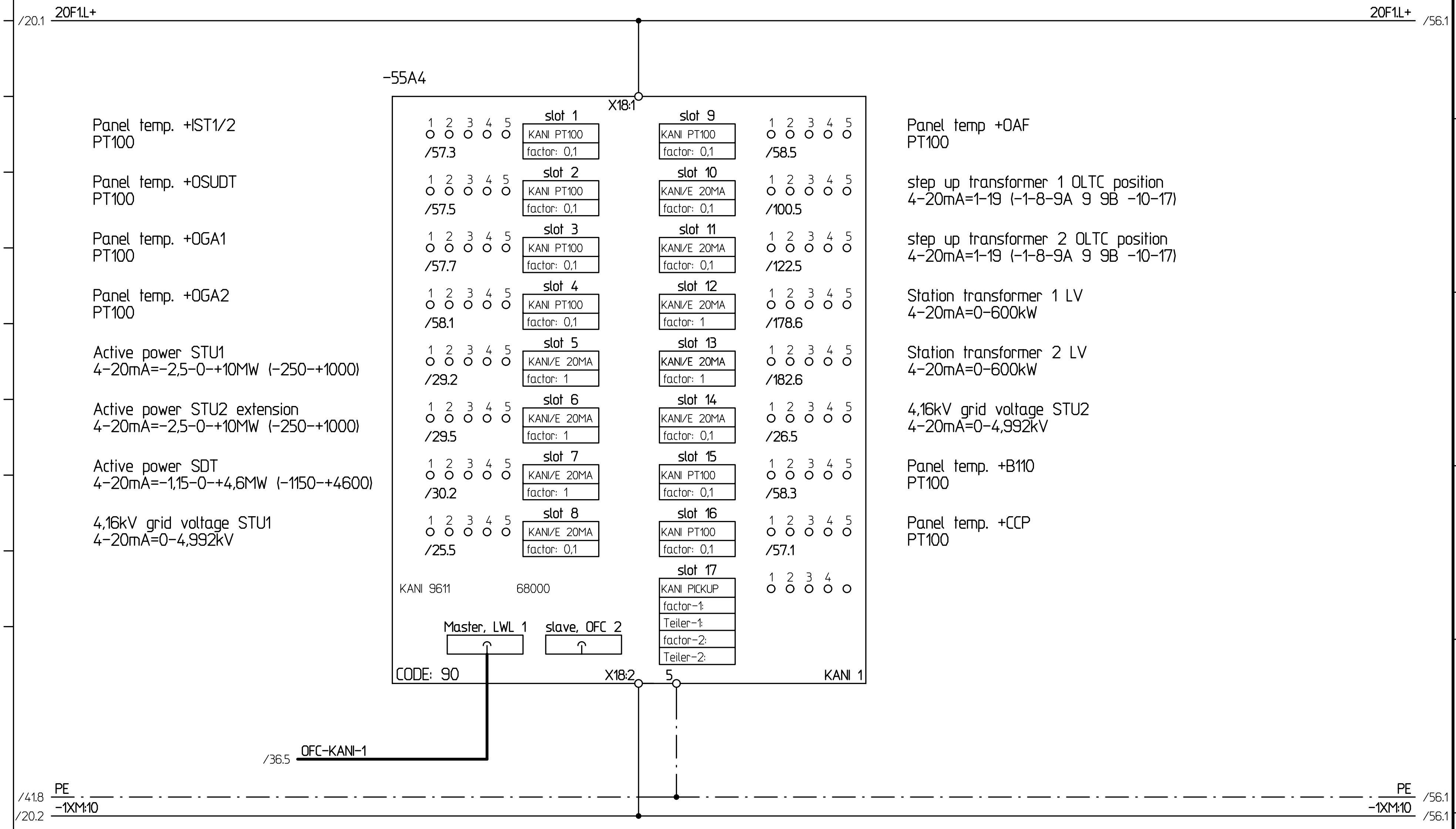

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Bildbeschreibung
IMAGE DESCRIPTION
analogue coupling module 1

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann				43730	43730	page 55
Index	changing	Date	name	Norm 33	Orig. Ersf.	Ersd. 29.06.05				215 BL

/55.8 20F1.L+ — 20F1.L+

/55.8 PE — PE /114.1

/55.8 -1XM:10 — -1XM:10

Bildbeschreibung
IMAGE DESCRIPTION: spare

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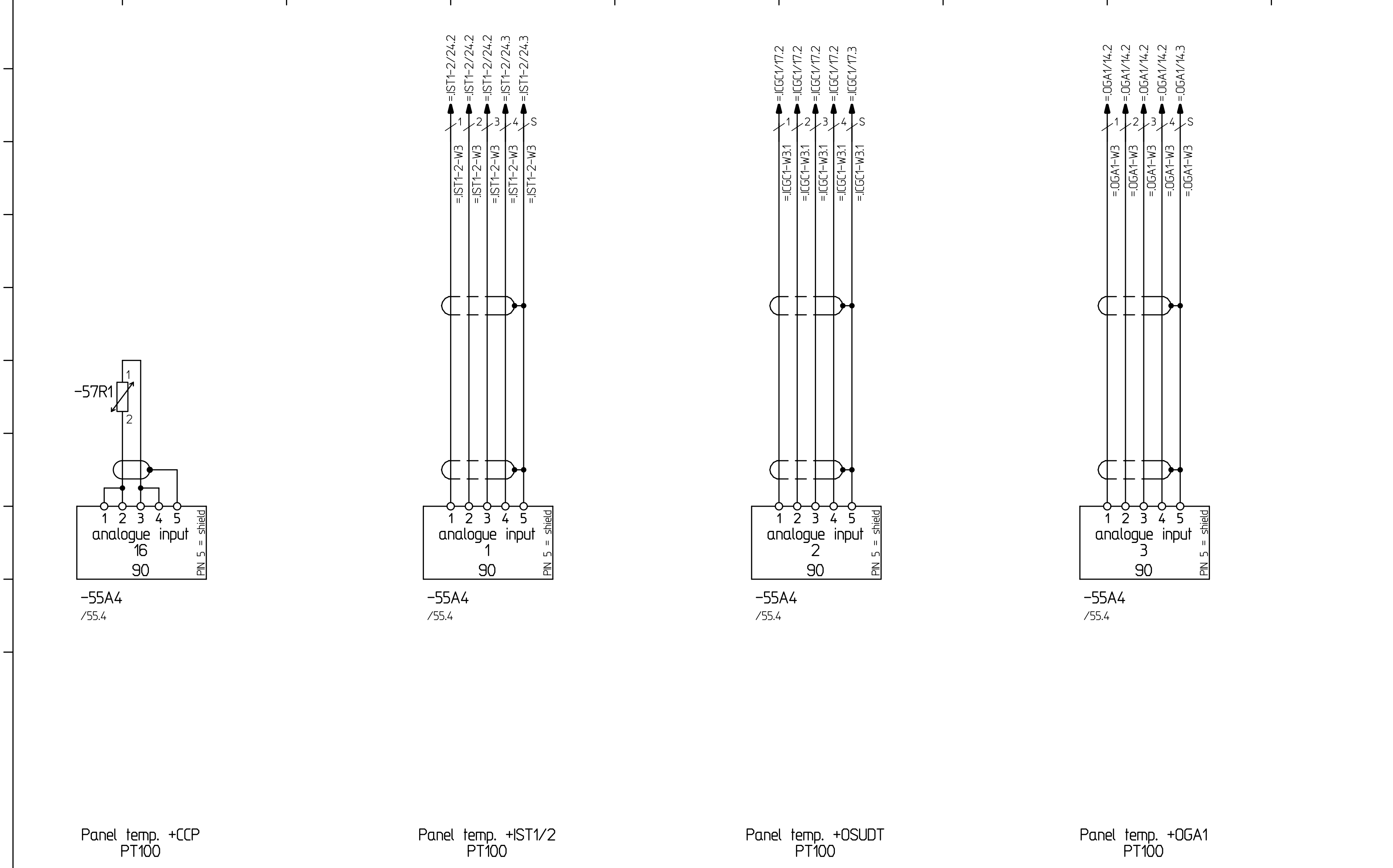
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 56 / 215 BL



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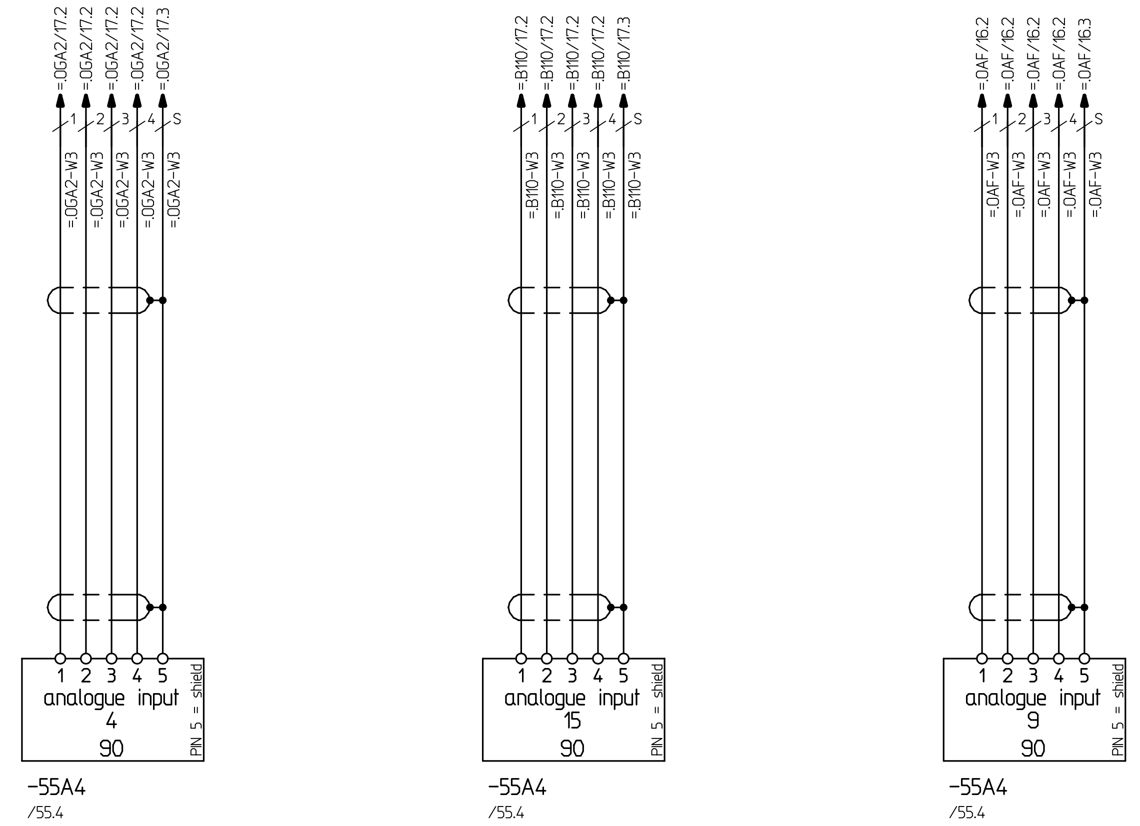
Bildbeschreibung IMAGE DESCRIPTION: Analogue values plant

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730 / 43730	page 57
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



Panel temp. +B110
PT100

Panel temp. +OGA2
PT100

Panel temp +OAF
PT100

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Bildbeschreibung
IMAGE DESCRIPTION

Analogue values plant

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730 page 58
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			215 BL

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Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 59
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

Bildbeschreibung
IMAGE DESCRIPTION
Spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730	page 60
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL

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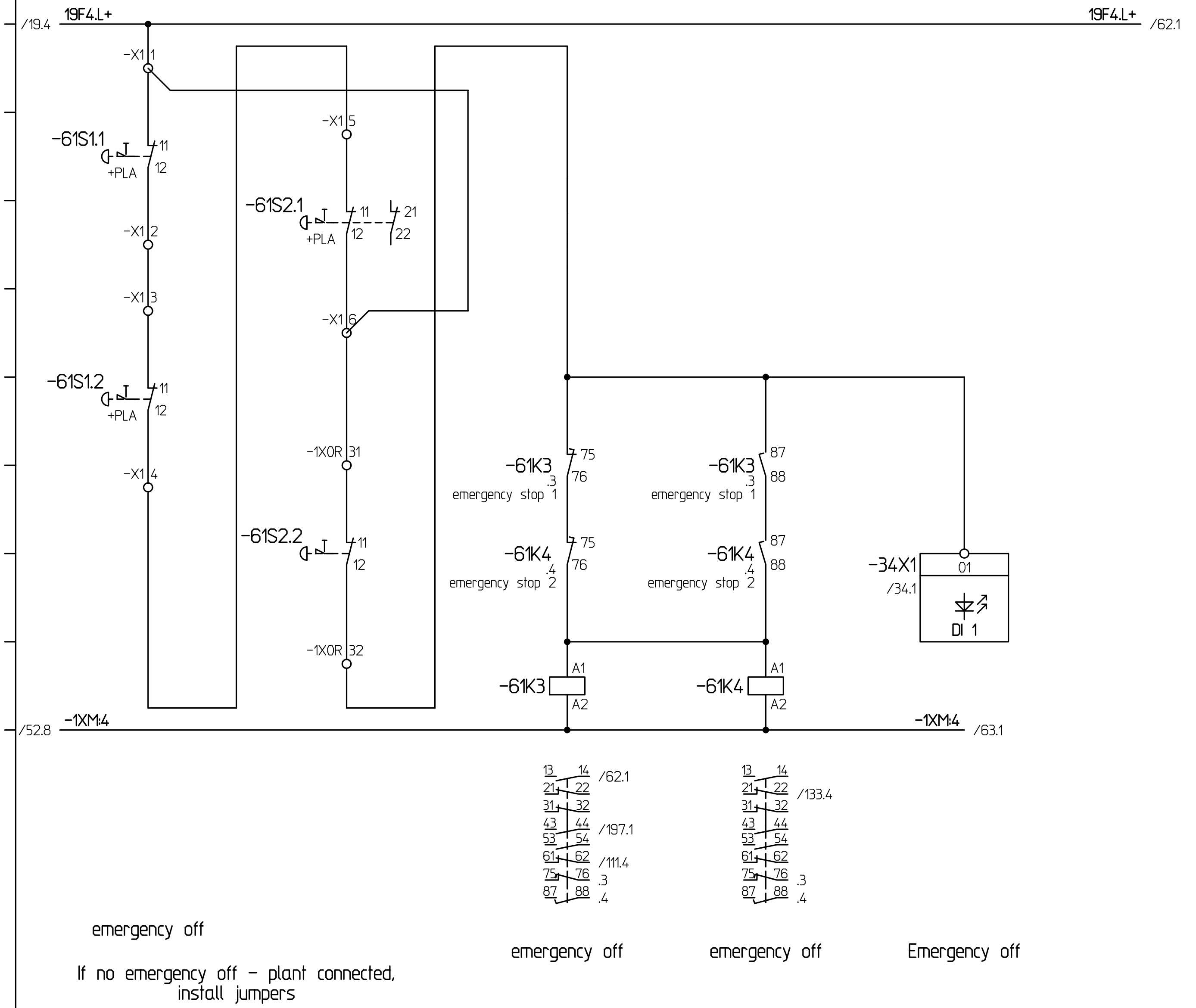

Bildbeschreibung IMAGE DESCRIPTION	control em. stop								
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 61
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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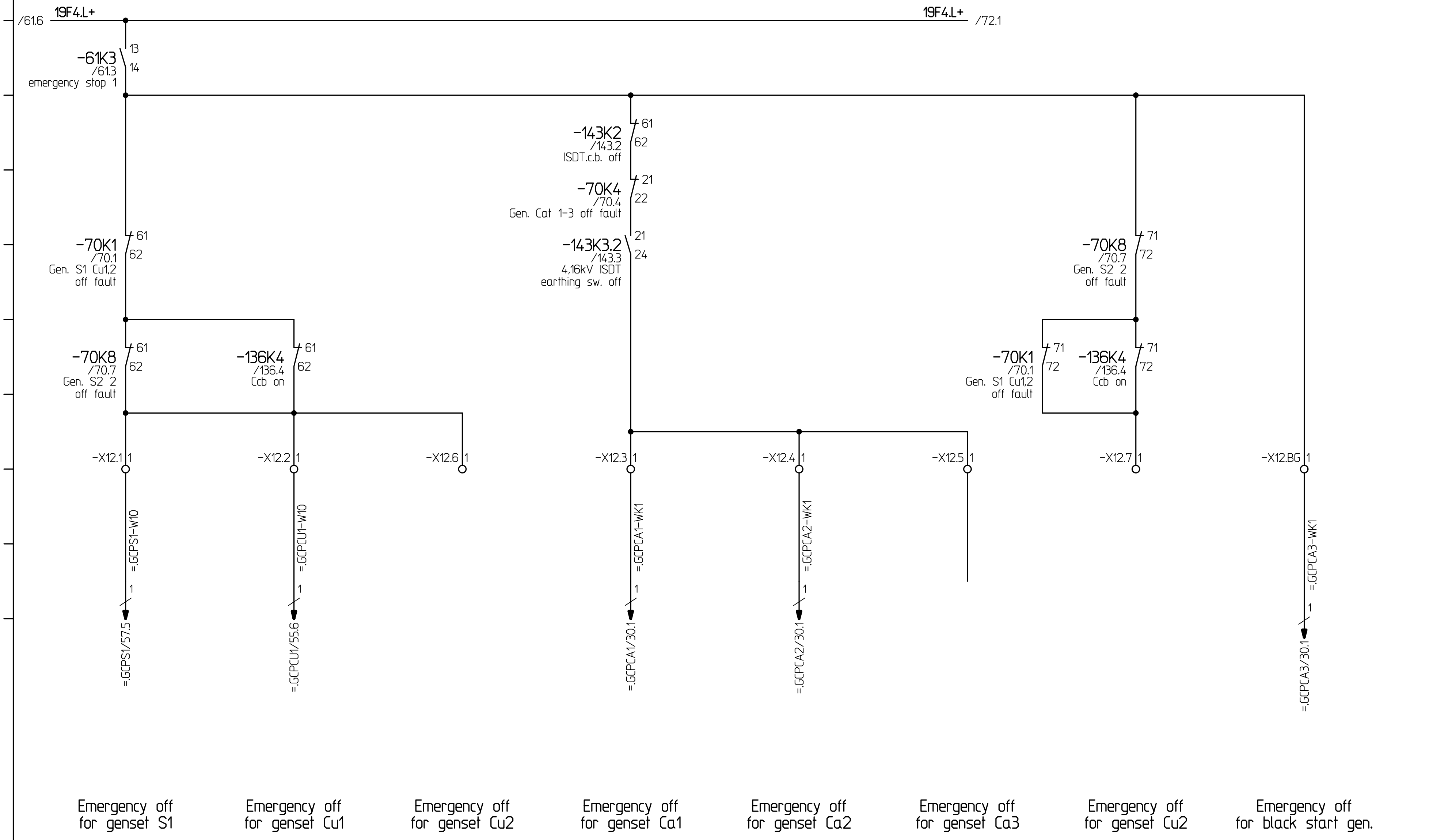

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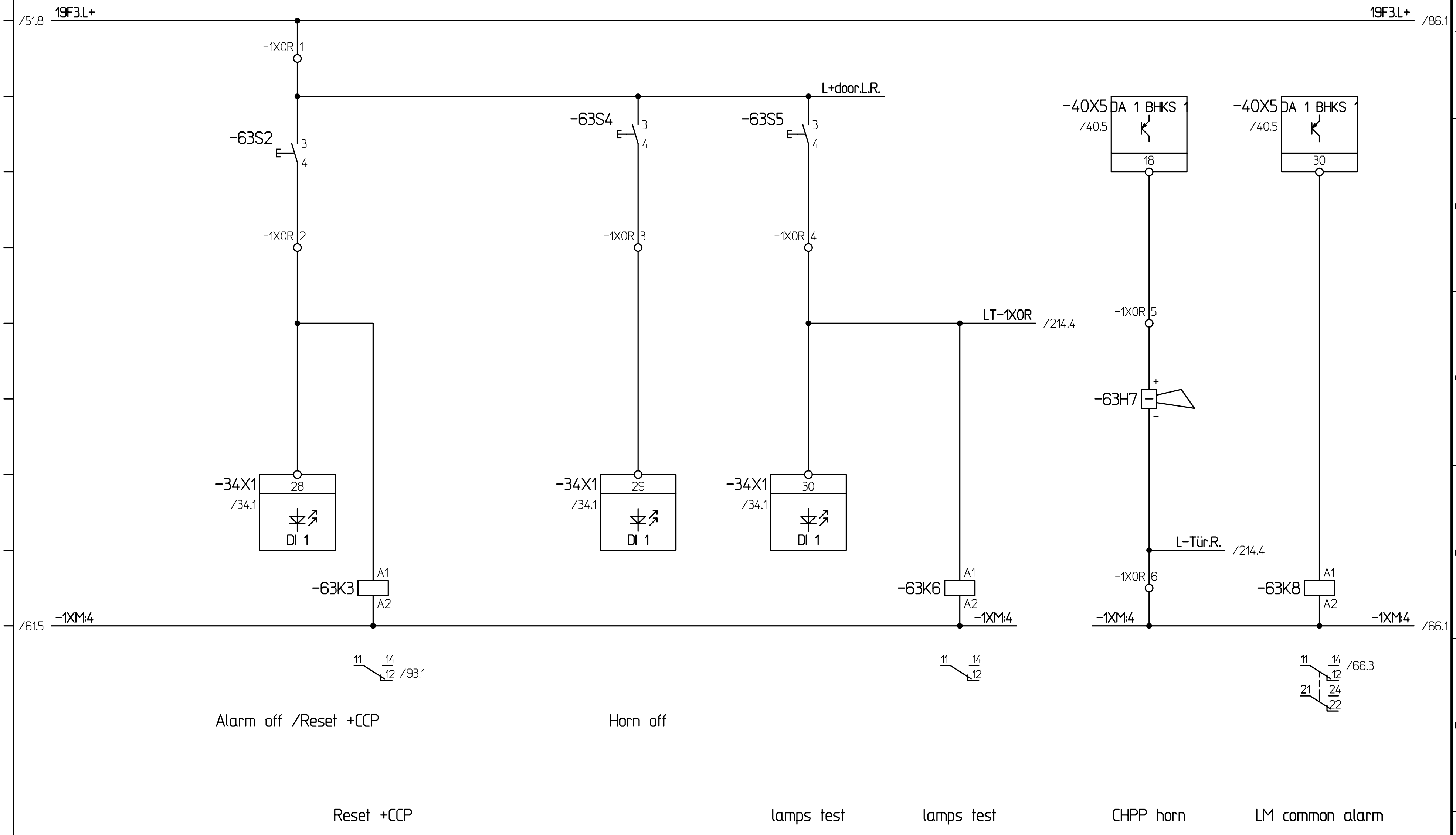
Bildbeschreibung IMAGE DESCRIPTION: control em. stop

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730	page 62
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	215 BL



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Bildbeschreibung IMAGE DESCRIPTION: internal control, horn

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 63
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 65 215 BL

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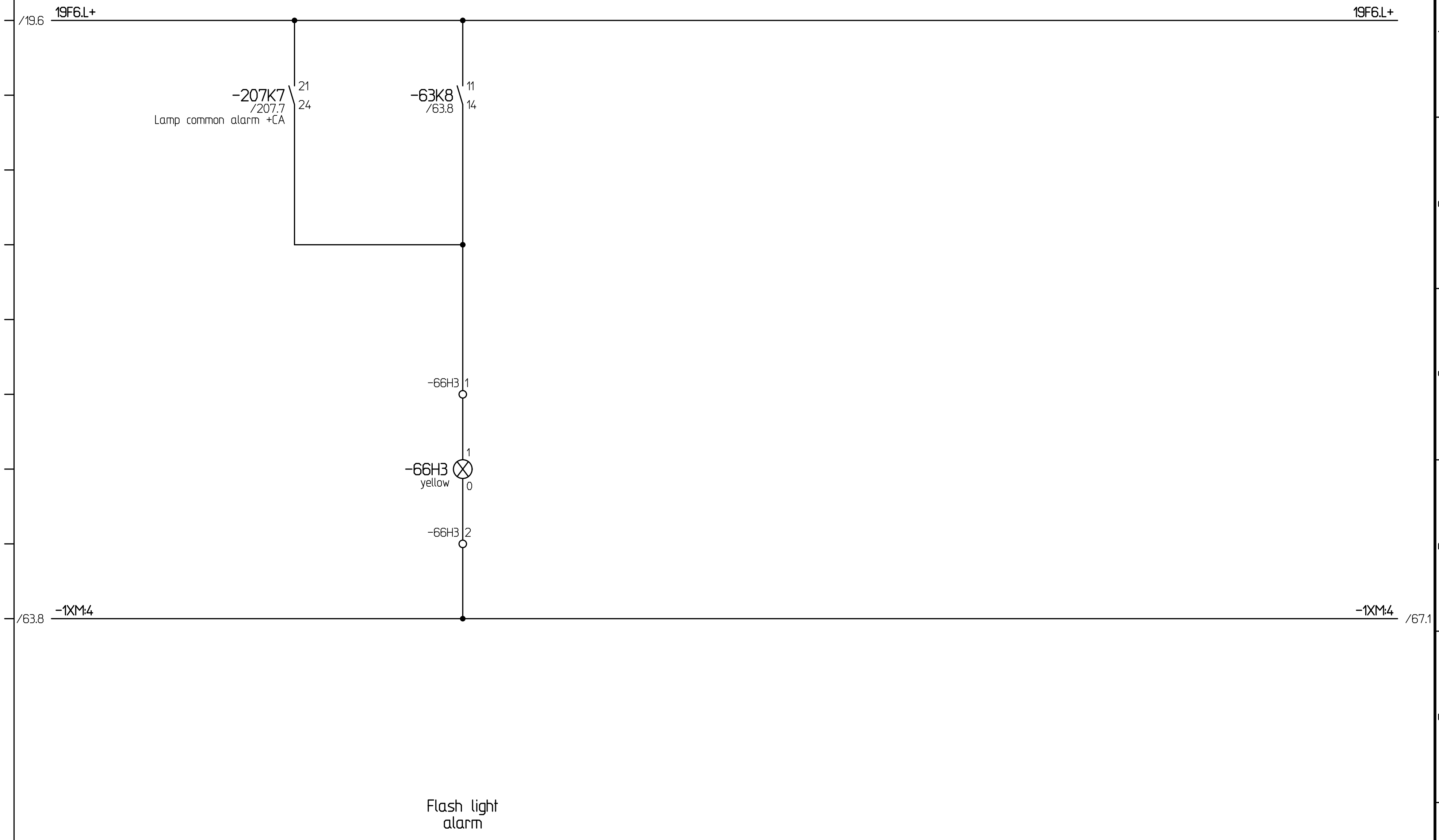

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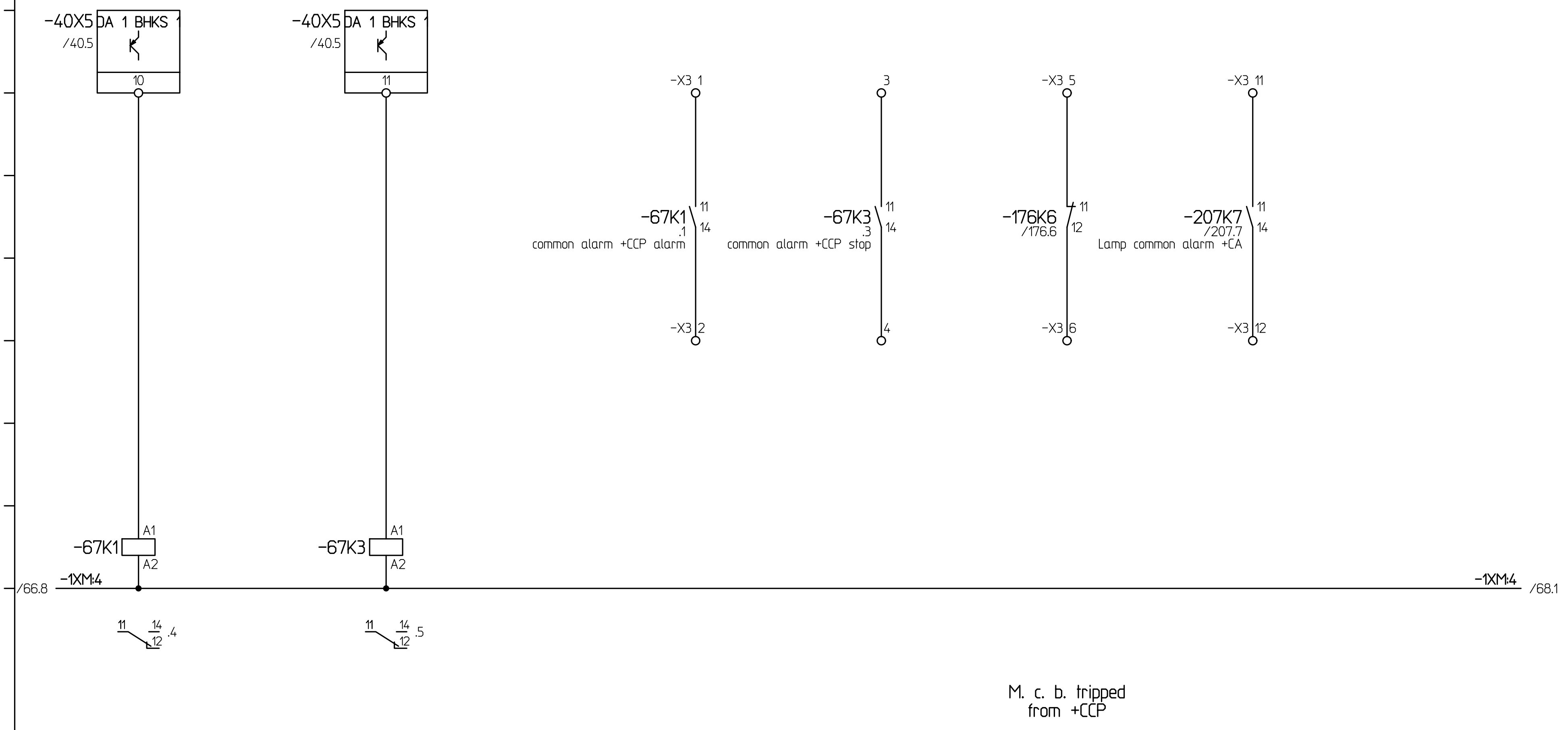
Bildbeschreibung IMAGE DESCRIPTION: lamp common alarm

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		



common alarm +CCP alarm

common alarm +CCP stop

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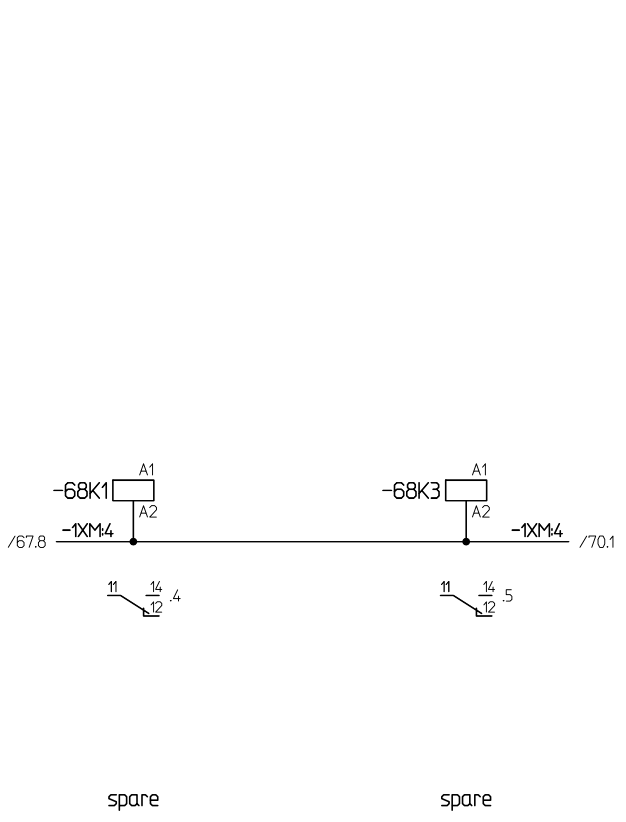
Bildbeschreibung
IMAGE DESCRIPTION

Outputs common faults

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			



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Bildbeschreibung
IMAGE DESCRIPTION

Outputs spare

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

=DPP
+CCP

43730 | 43730

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 69
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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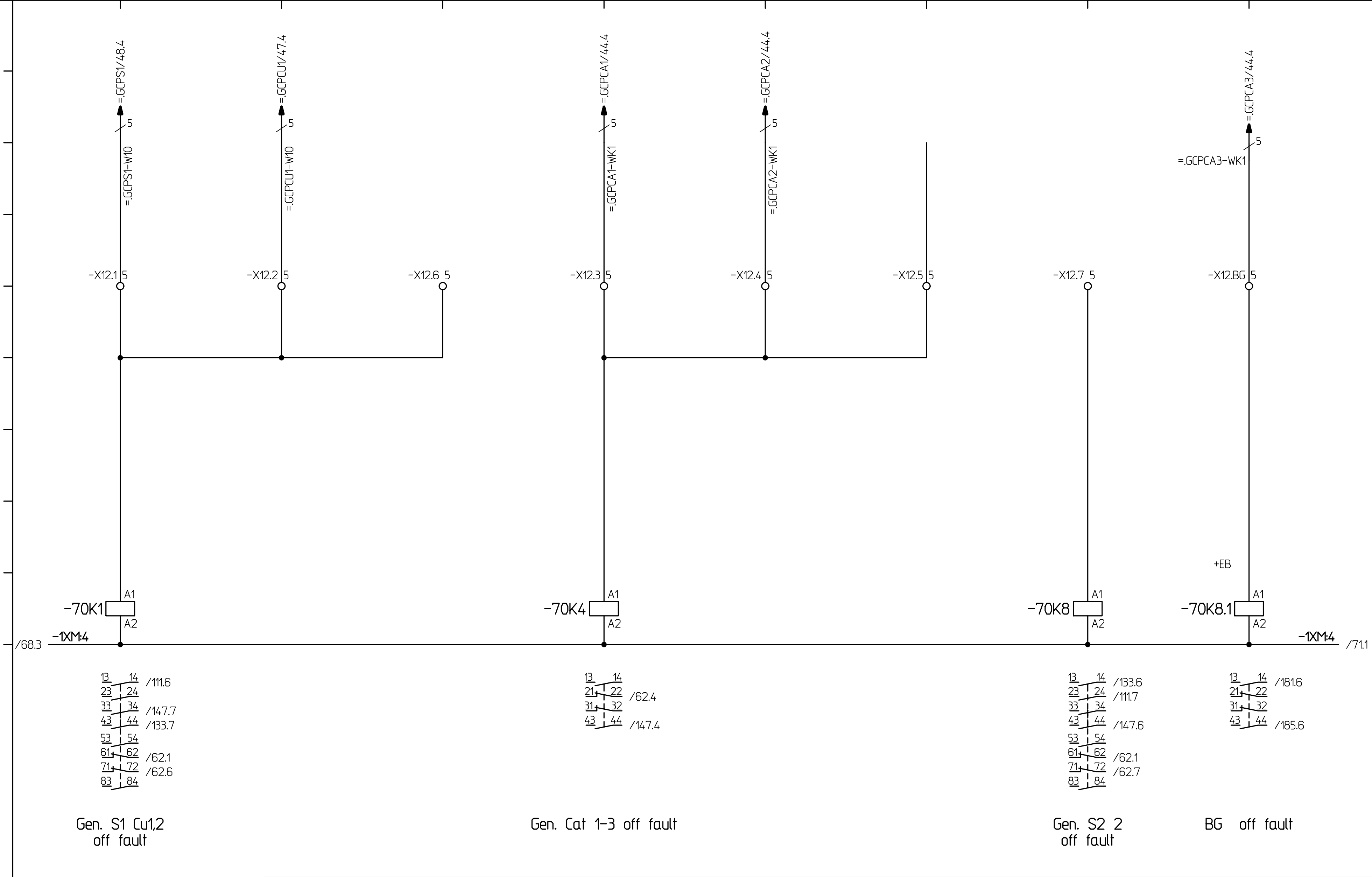

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Bildbeschreibung
IMAGE DESCRIPTION

switching off gen. C.B. 1-7 fault

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	43730
				Check	A. Stellmann	Orig. / Ers.f.	Ers.d. 29.06.05			
				Norm	33					page 70 / 215 BL

/52.8 19F7.L+ — 19F7.L+ /96.1

/70.8 -1XM:4 — -1XM:4 /72.1

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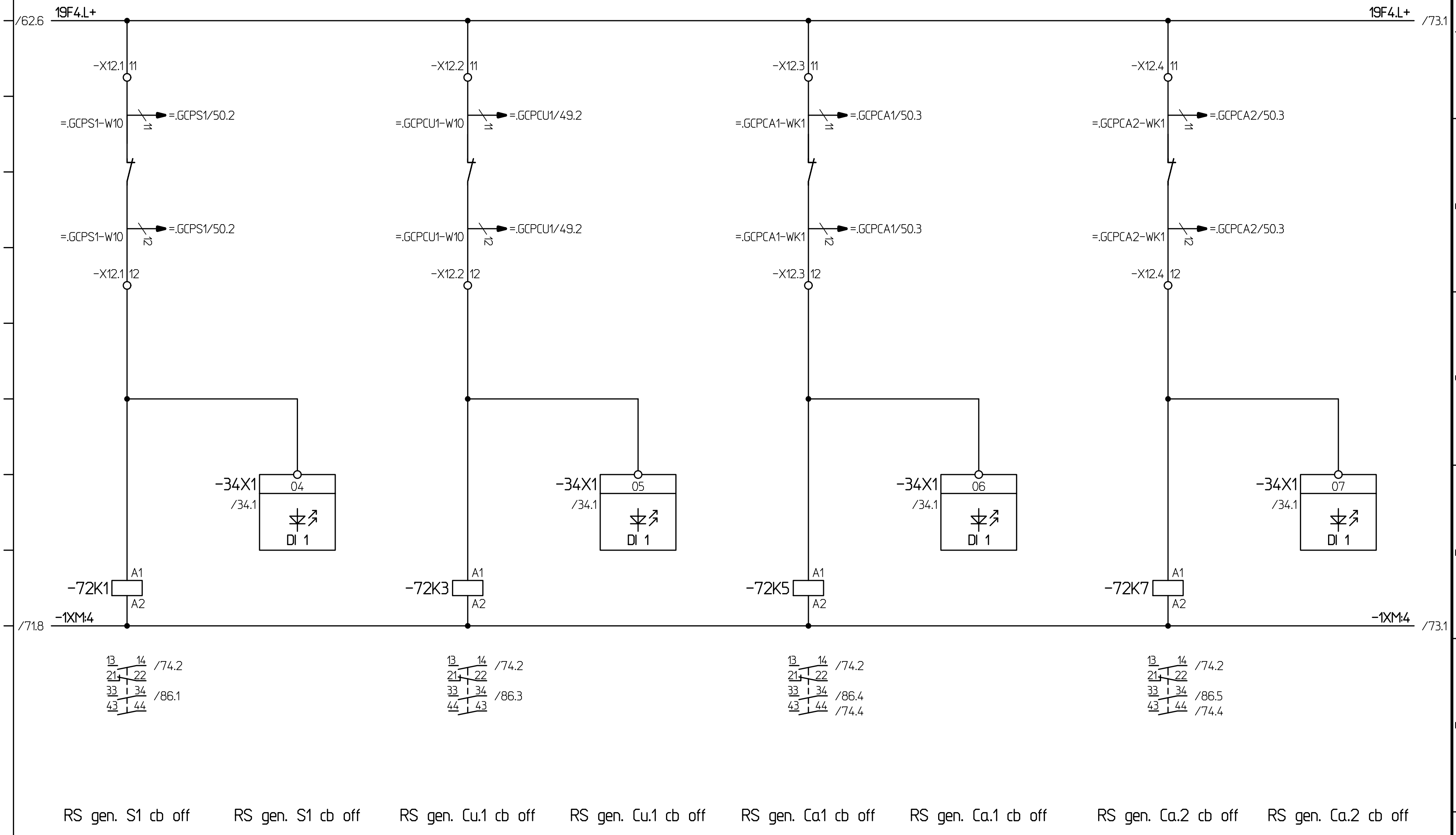
Bildbeschreibung
IMAGE DESCRIPTION spare

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	



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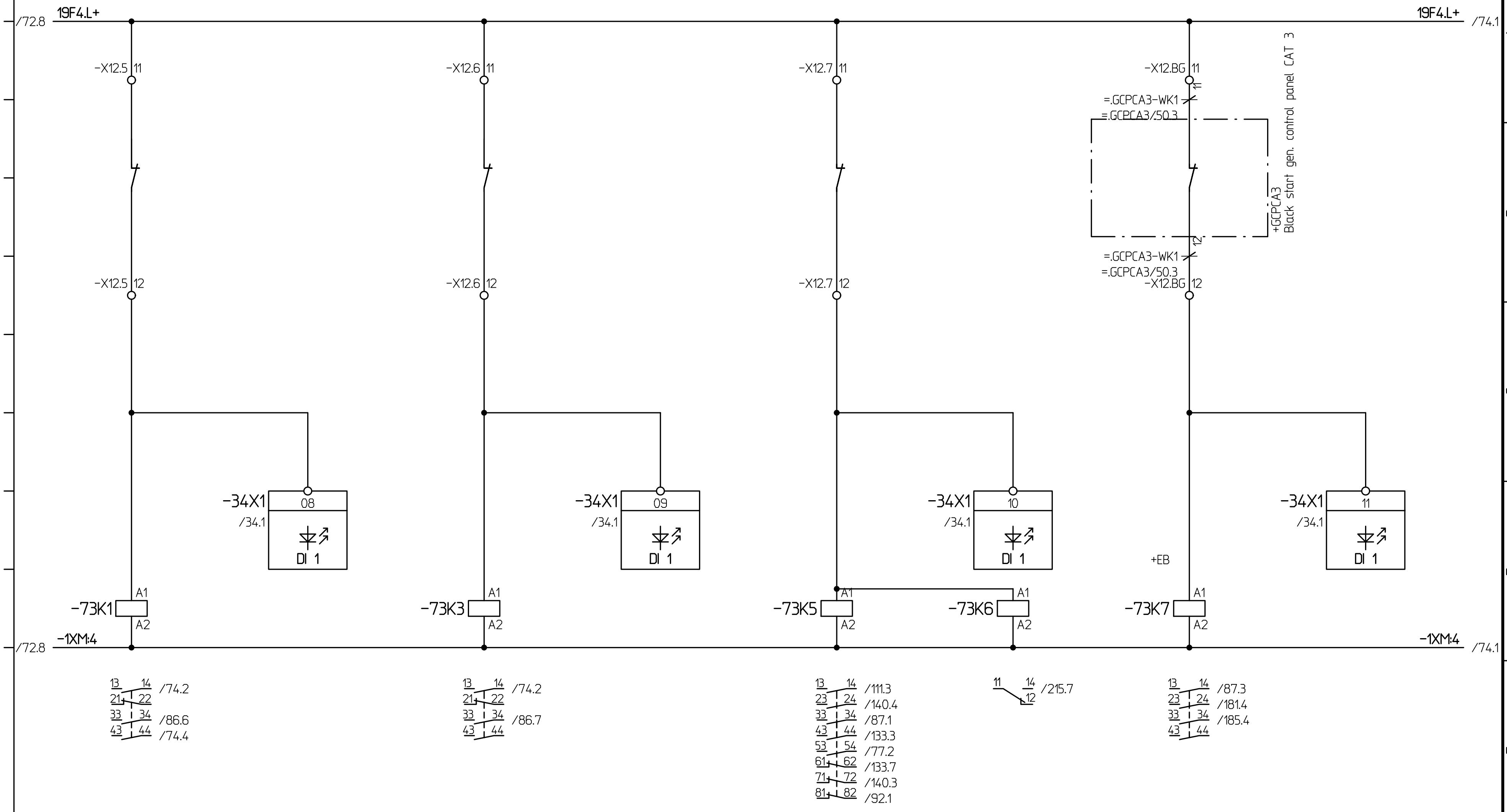
Bildbeschreibung IMAGE DESCRIPTION: reply signal generator c.b. 1-4 OFF

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann						
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730	43730	page 72 / 215 BL



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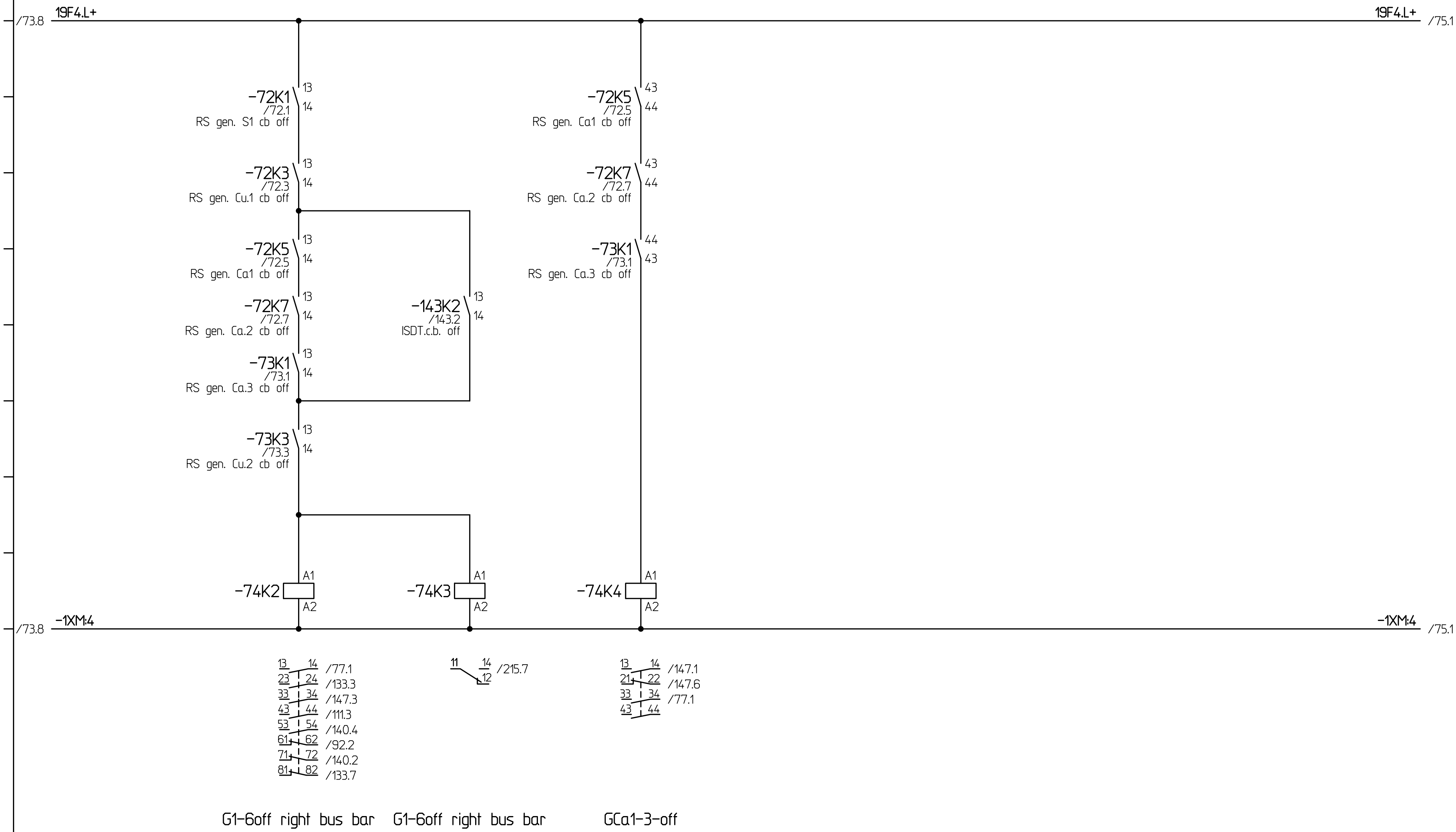
Bildbeschreibung
IMAGE DESCRIPTION

reply signal generator c.b. 5-7 OFF

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
				Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 73 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: No gen. on right bus bar, Ca1-3 off

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

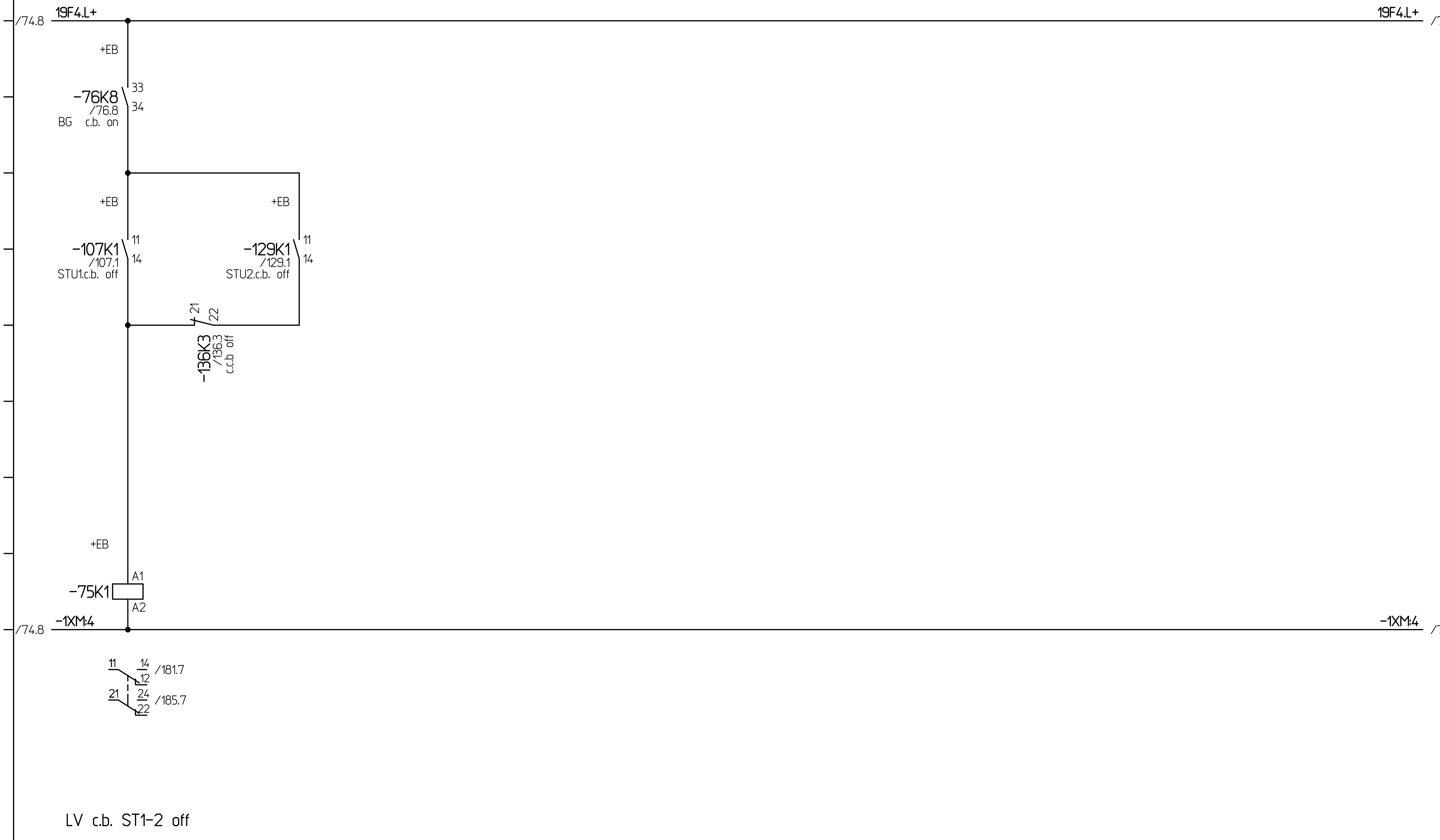
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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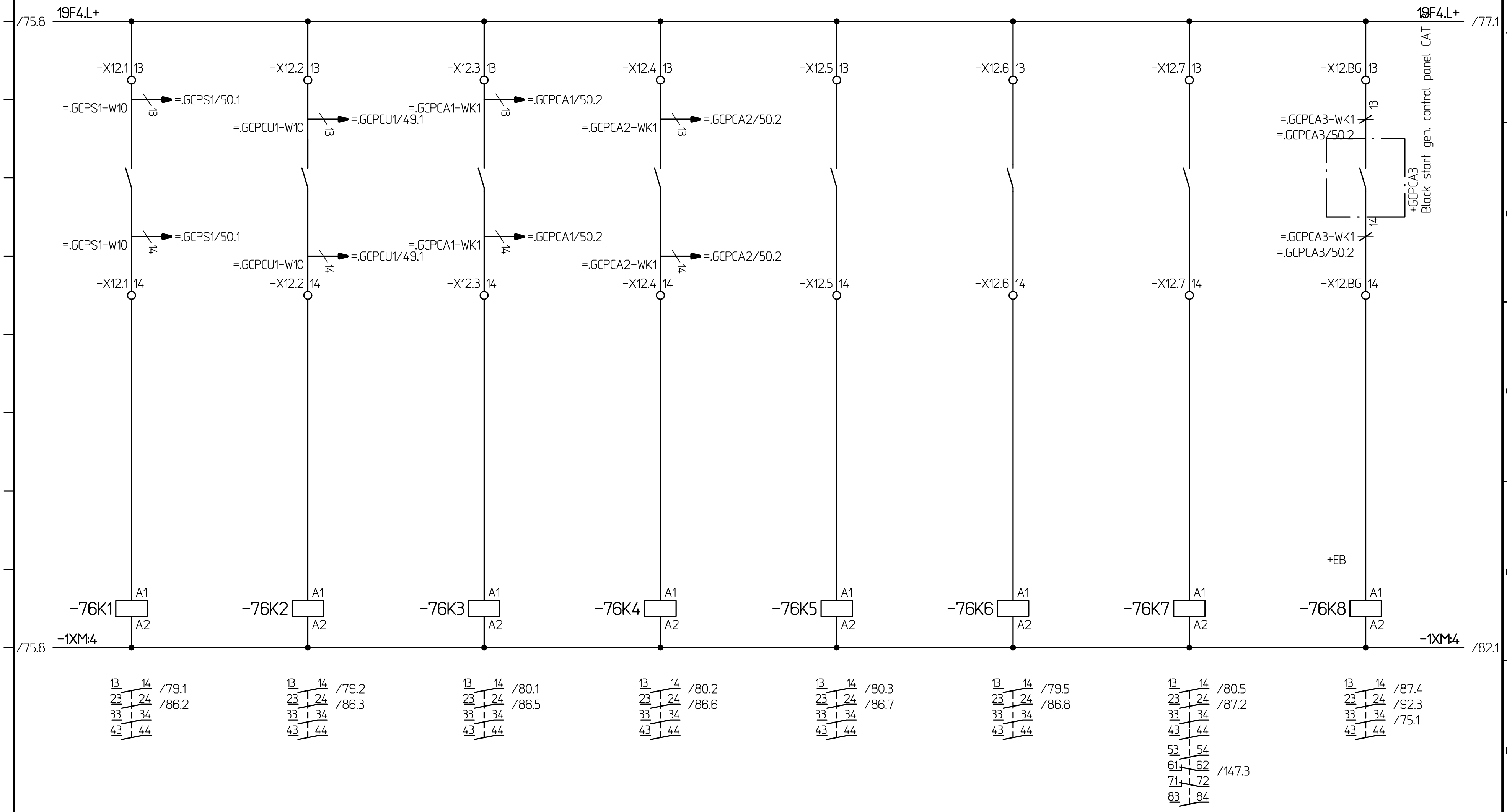
Bildbeschreibung
IMAGE DESCRIPTION

Interlocking STU c.b. off to BG

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 75 / 215 BL



RS gen. S1 cb on

RS gen. Cu.1 cb on

RS gen. Ca.1 cb on

RS gen. Ca.2 cb on

RS gen. Ca.3 cb on

RS gen. Cu.2 cb on

RS gen. S2 cb on

BG c.b. on

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Bildbeschreibung
IMAGE DESCRIPTION
RS gen. 1-7

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

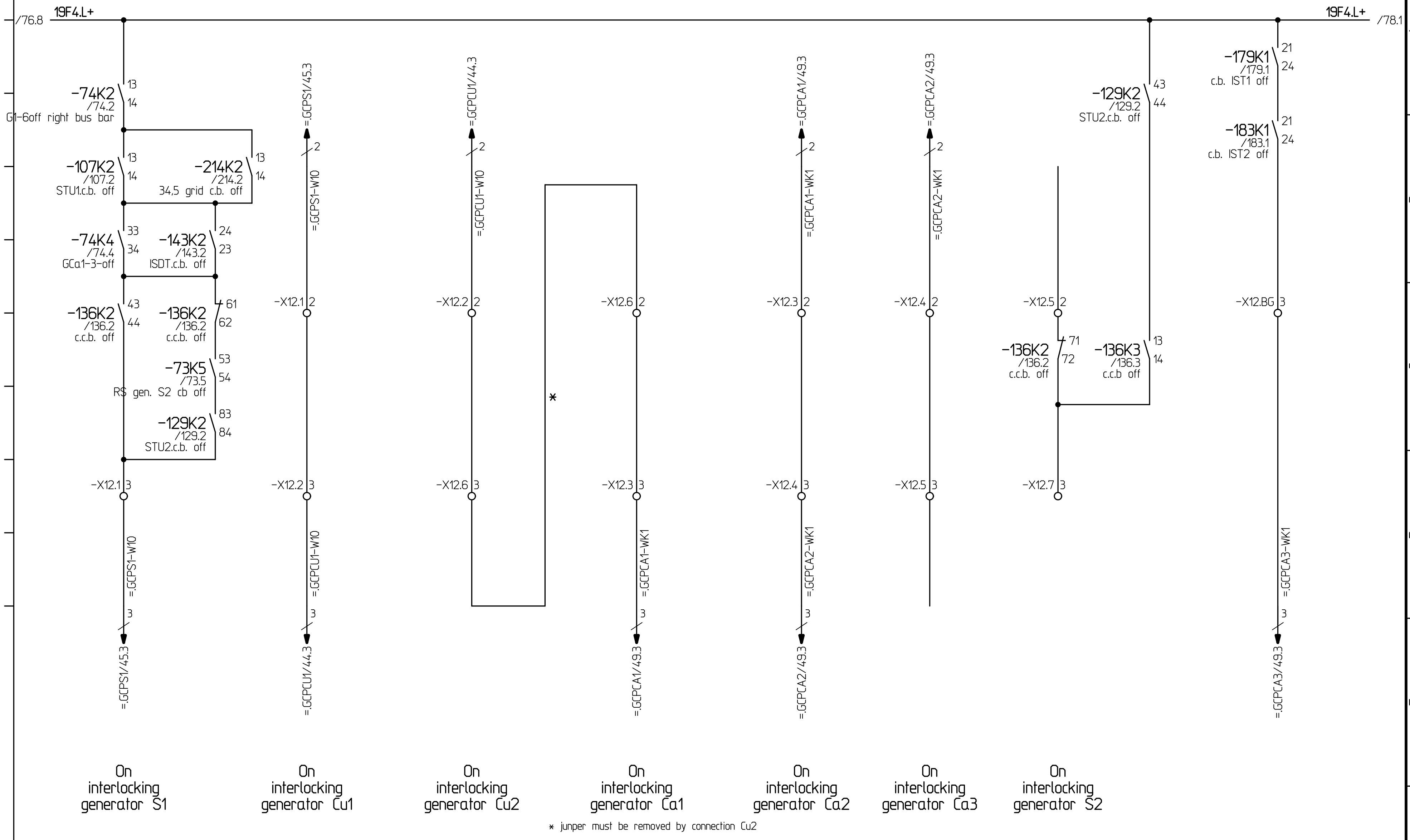
Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 43730

=DPP
+CCP



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Bildbeschreibung
IMAGE DESCRIPTION

Interlocking gen. on

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

/77.8 19F4.L+

19F4.L+ /79.1

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

=DPP
+CCP

43730 | 43730

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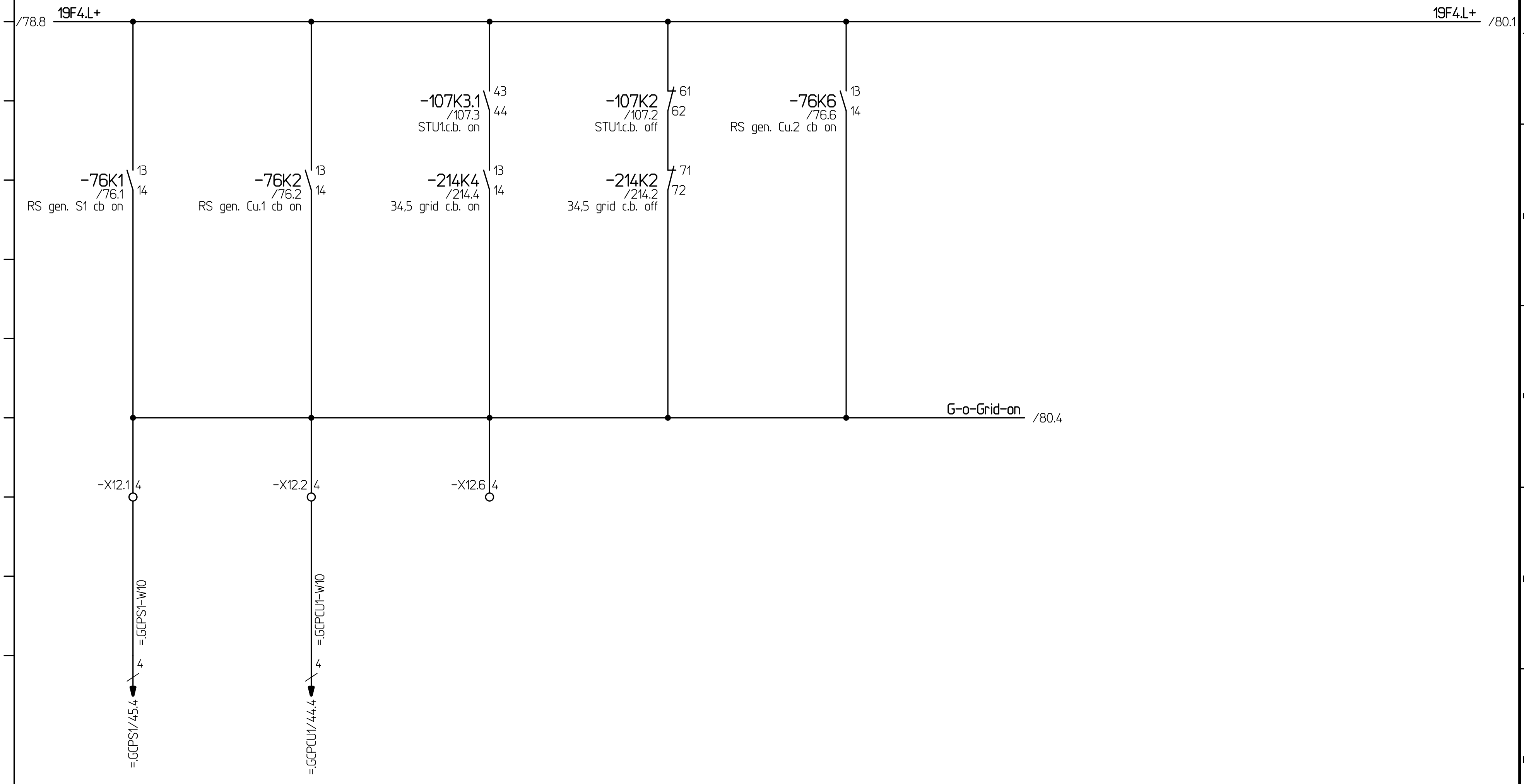

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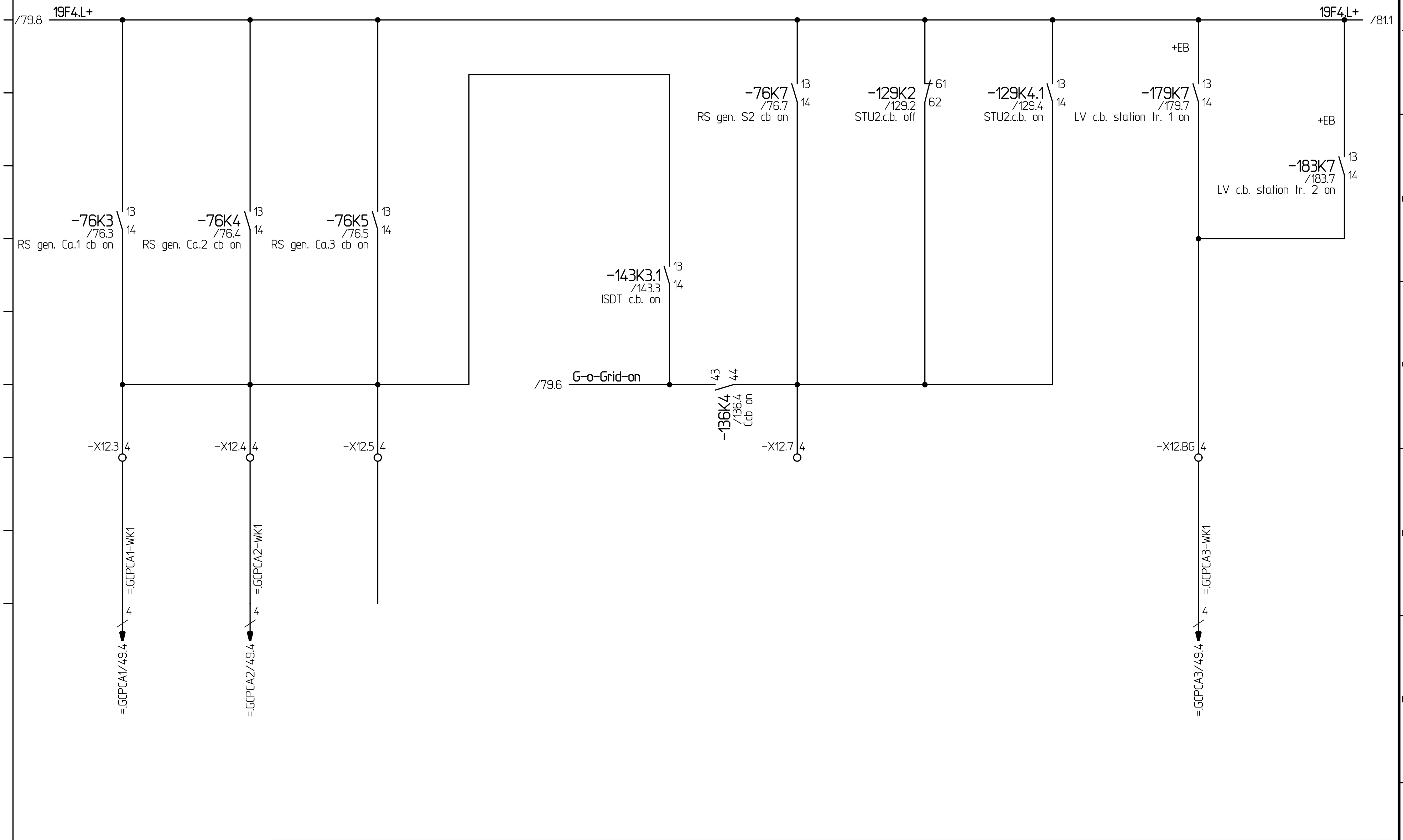
Bildbeschreibung IMAGE DESCRIPTION: Mains or gen.c.b. on bus bar

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730 / 43730	page 79
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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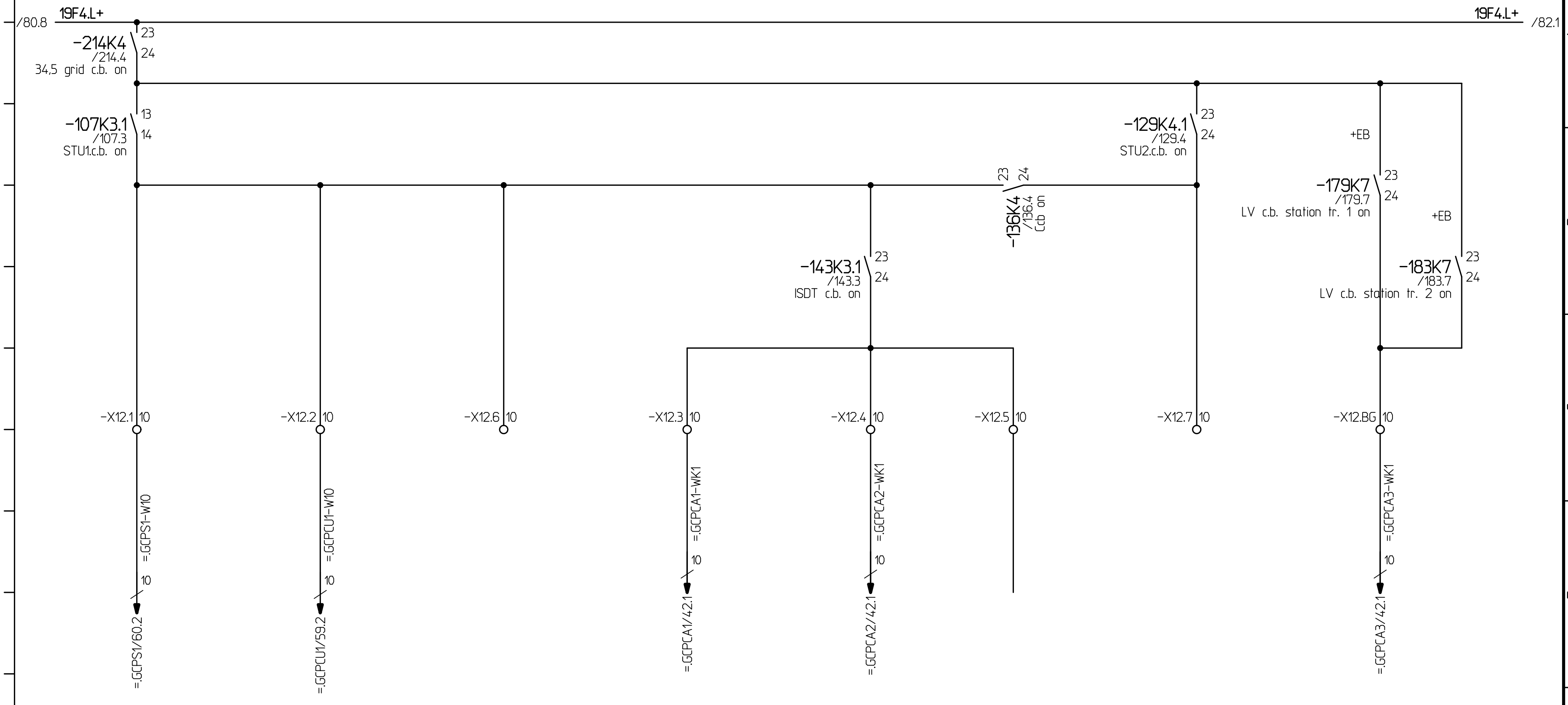
Bildbeschreibung IMAGE DESCRIPTION: Mains or gen.c.b. on bus bar

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	43730
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 29.06.05		page 80
				Norm	33					215 BL



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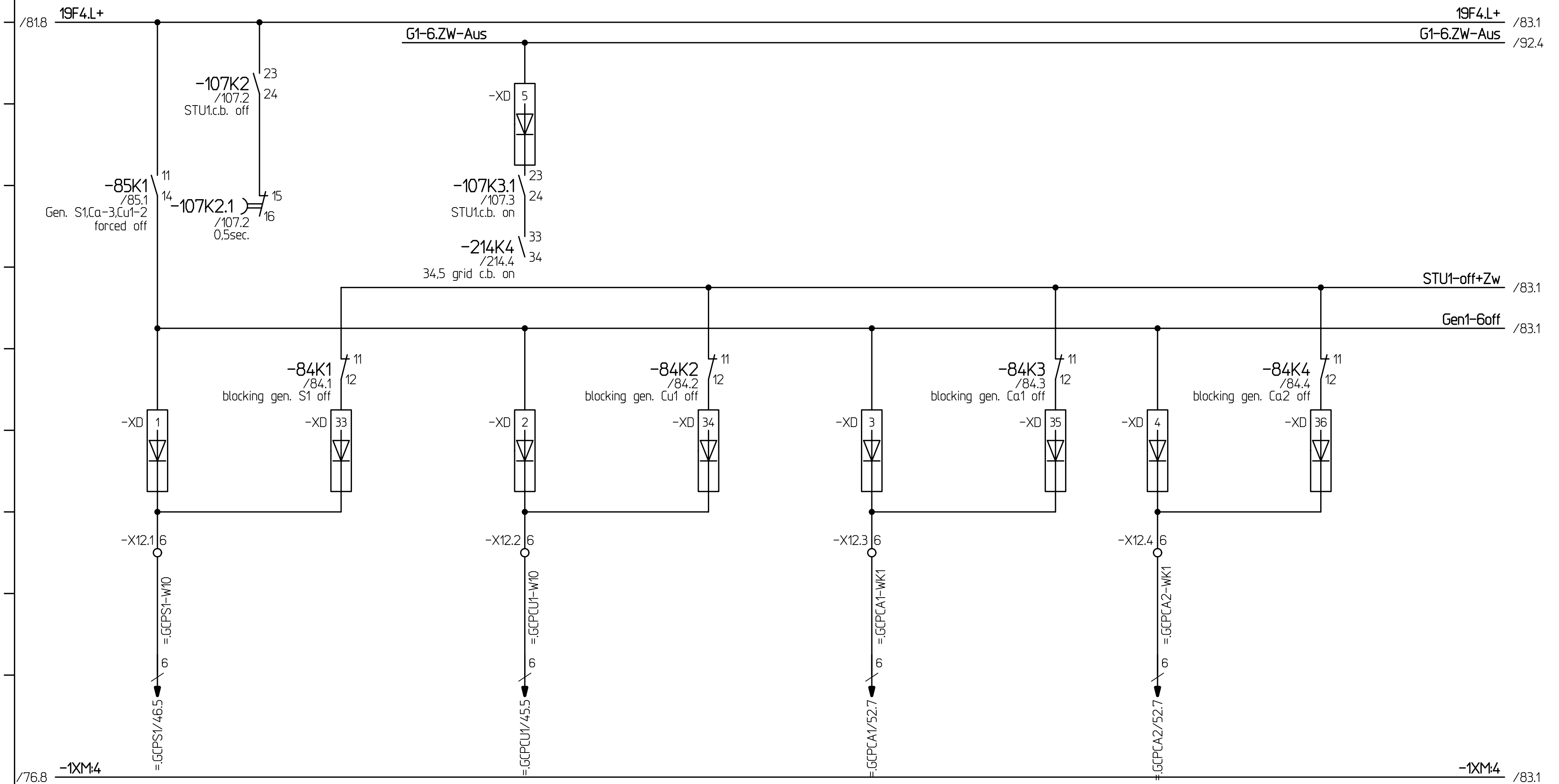
Bildbeschreibung
IMAGE DESCRIPTION

Mains operetion

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			



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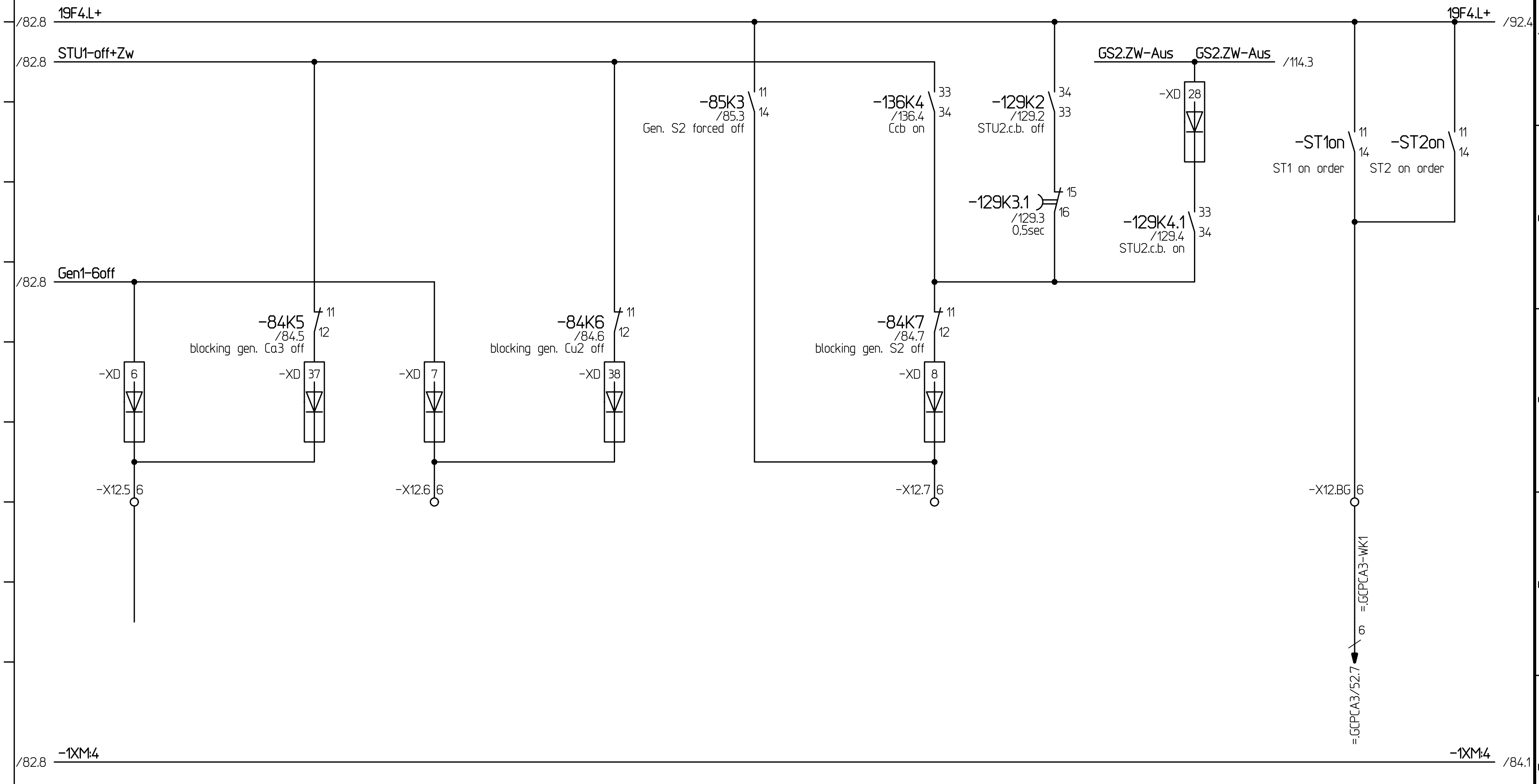
Bildbeschreibung
IMAGE DESCRIPTION

generator switches 1-5 forced off

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 29.06.05			page 82 215 BL



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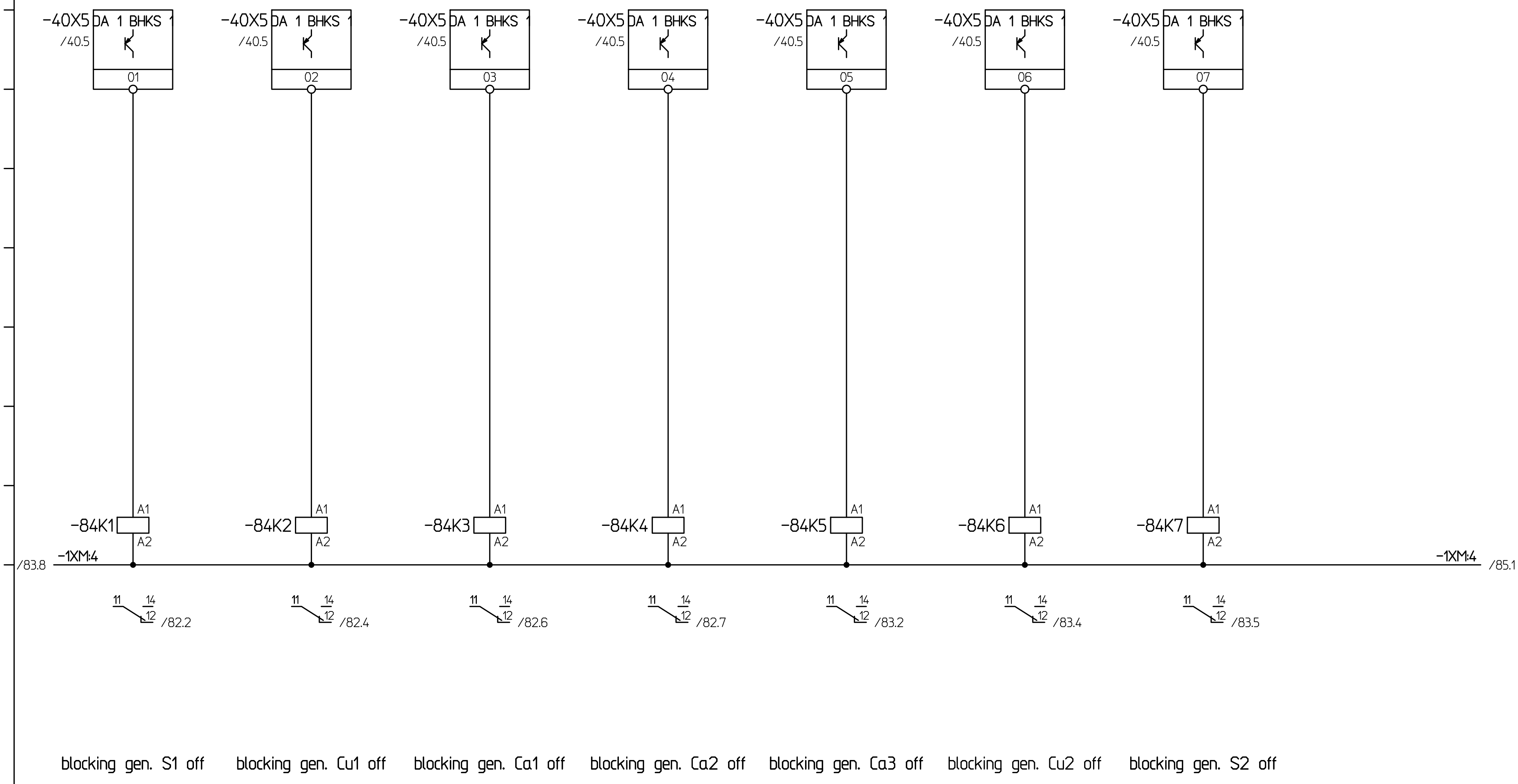
Bildbeschreibung
IMAGE DESCRIPTION

generator switches 6-7 forced off

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 83
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



Bildbeschreibung
IMAGE DESCRIPTION
selection generator cutouts

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

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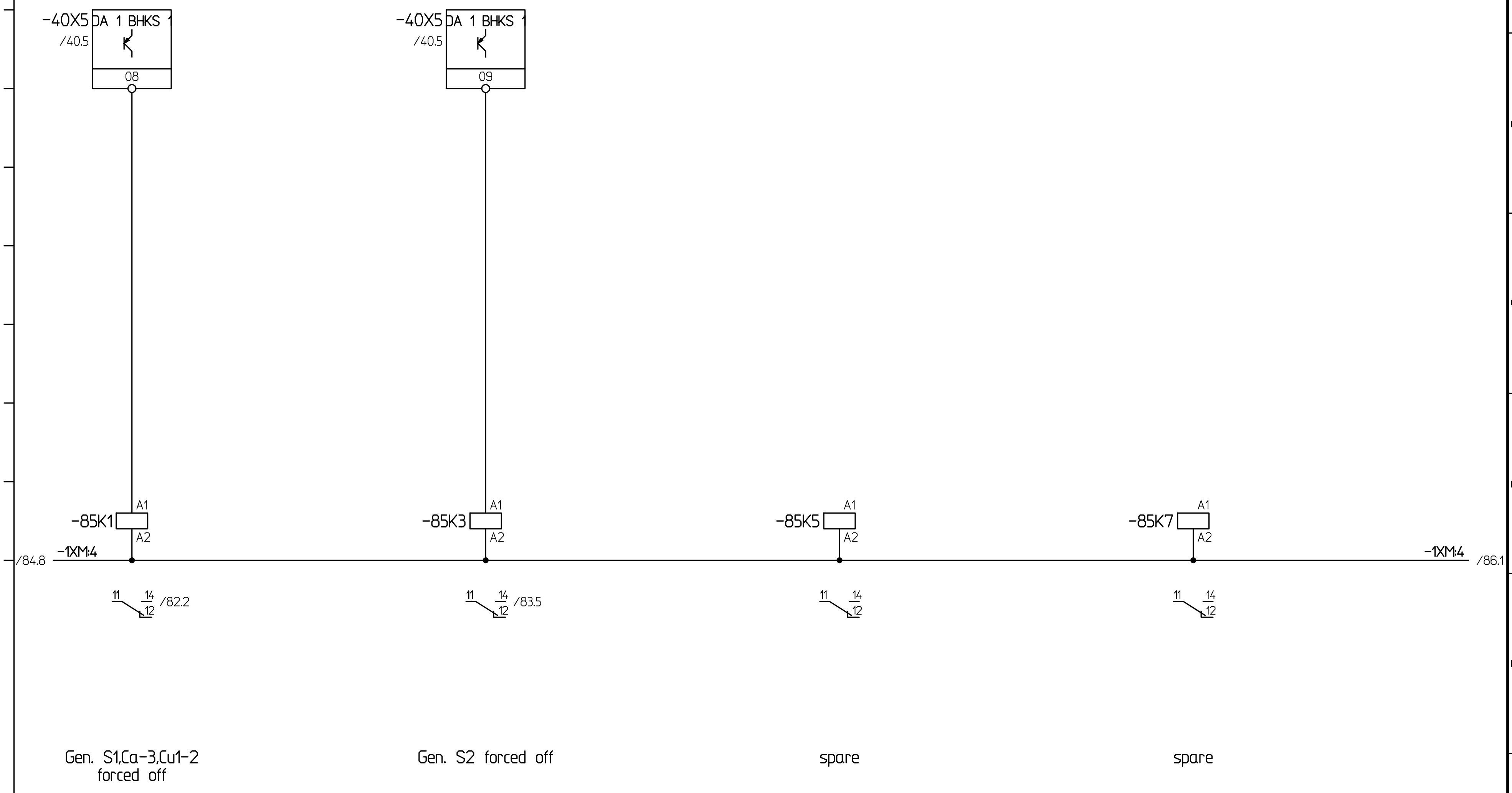

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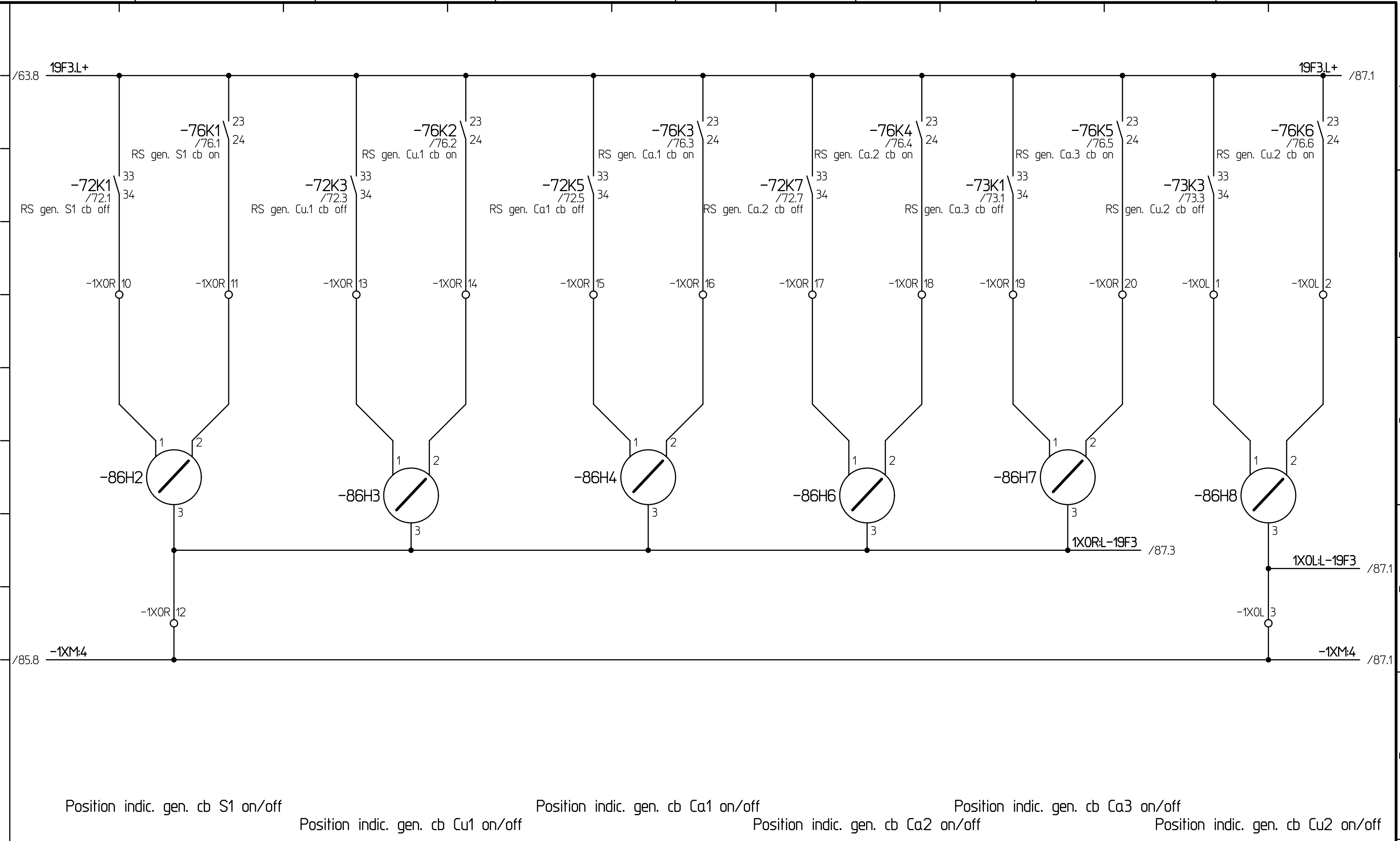
Bildbeschreibung IMAGE DESCRIPTION: generator switch off

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730 page 85
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ers.d. 29.06.05			215 BL



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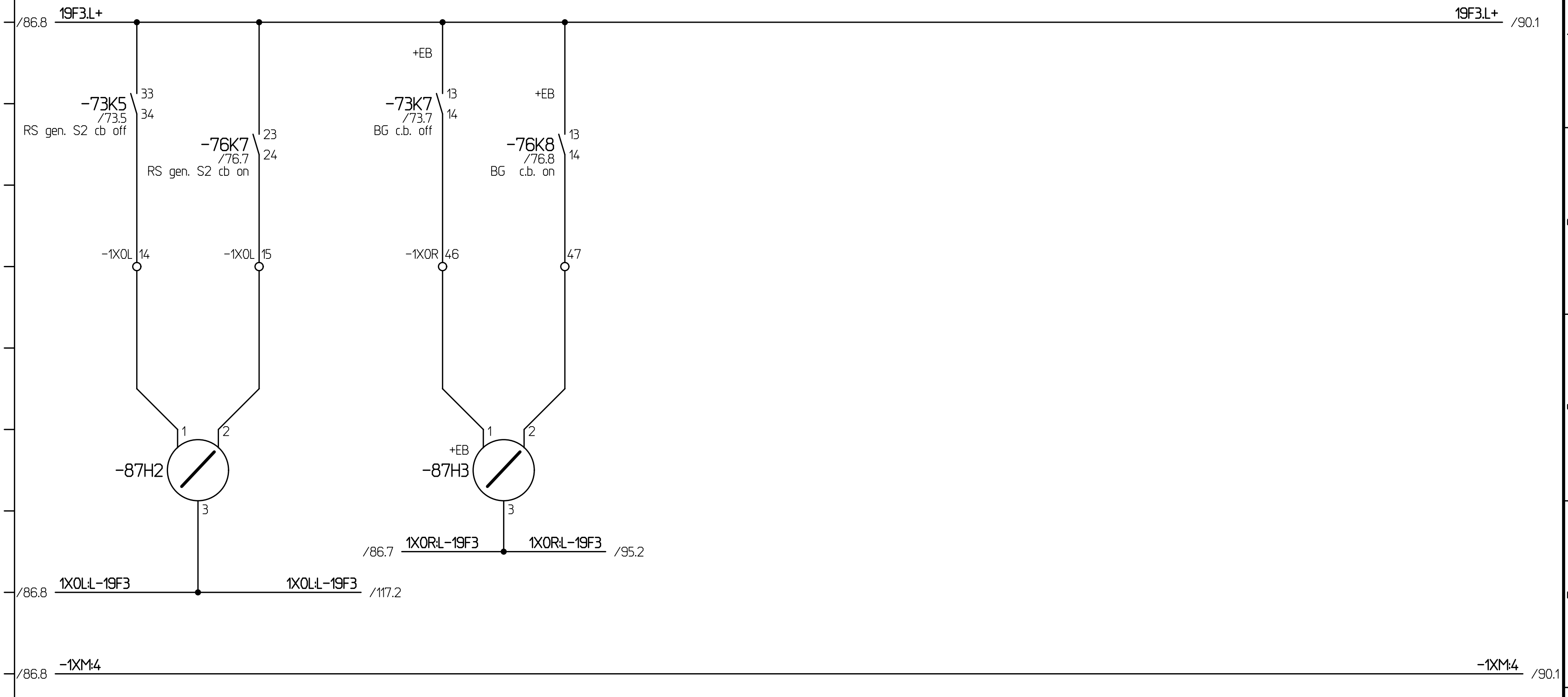
Bildbeschreibung IMAGE DESCRIPTION: RS gen. c.b. operating position

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 86 / 215 BL



Position indic. gen. cb S2 on/off   Position indic. black st. gen. cb on/off

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Bildbeschreibung IMAGE DESCRIPTION: RS gen. c.b. operating position

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 87
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

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Bildbeschreibung
IMAGE DESCRIPTION

Spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	43730
				Check	A. Stellmann					page 89
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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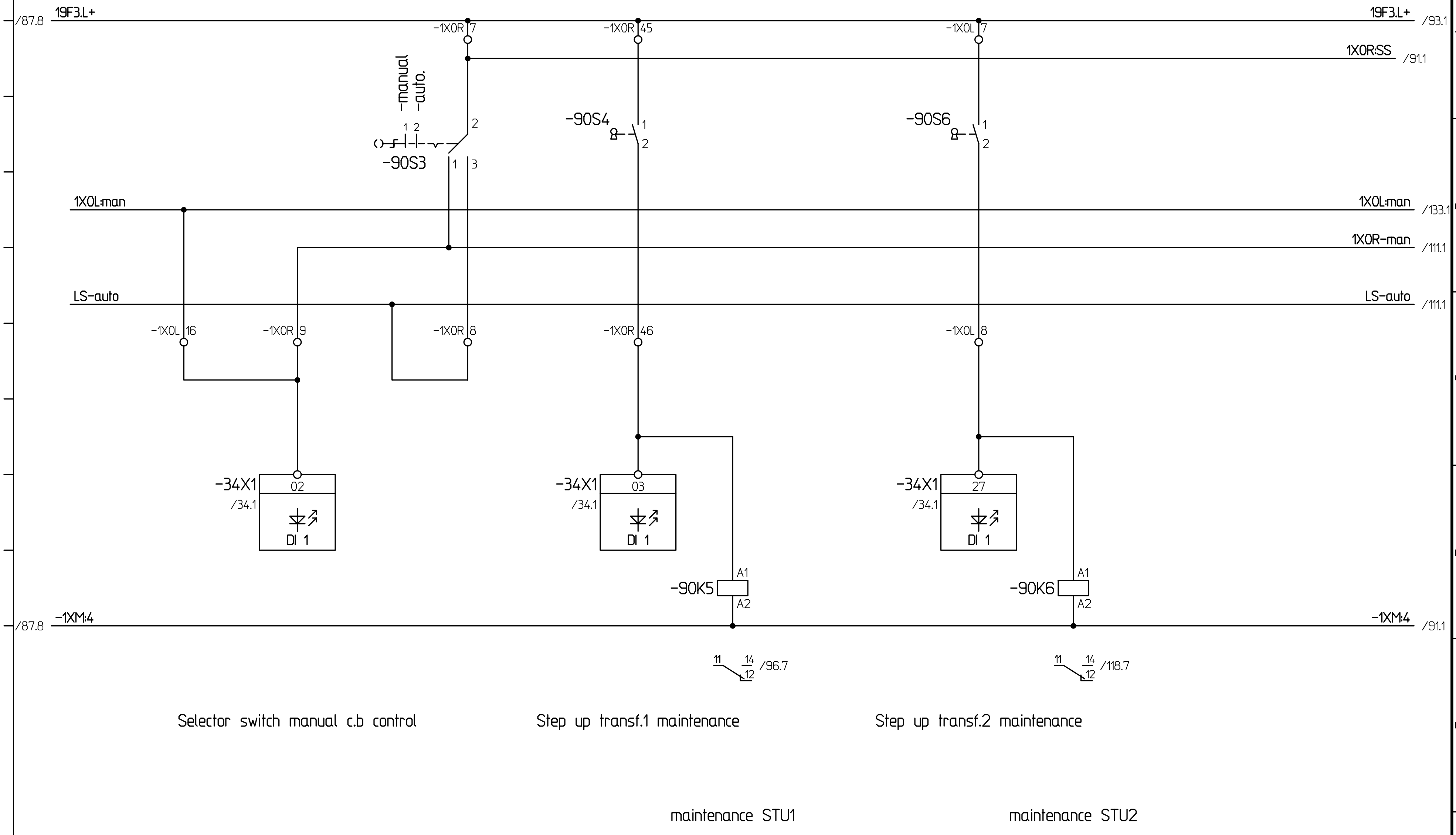

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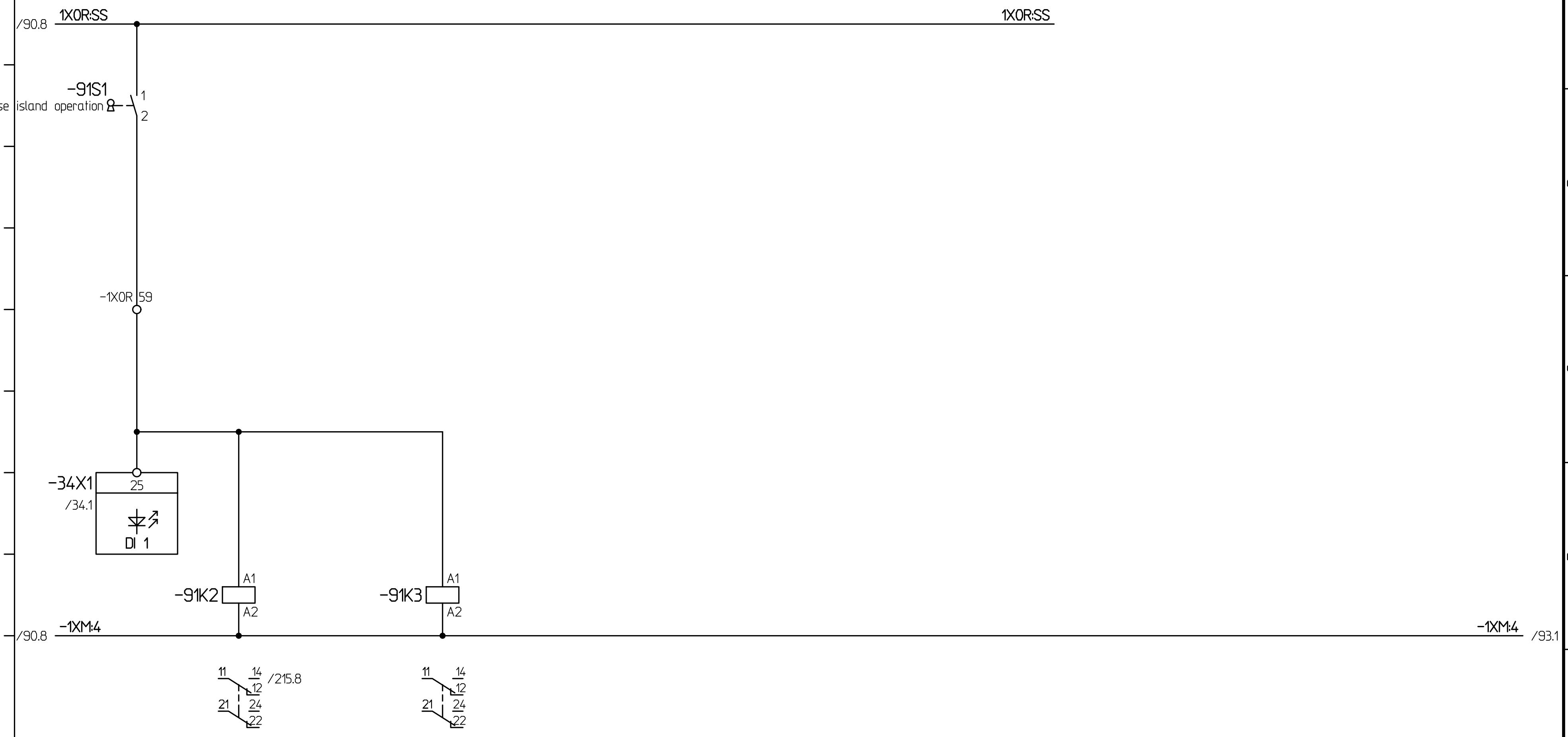
Bildbeschreibung
IMAGE DESCRIPTION

Selector switches

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		



Release island operation

Release island operation Release island operation

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Bildbeschreibung IMAGE DESCRIPTION: Selector switches

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

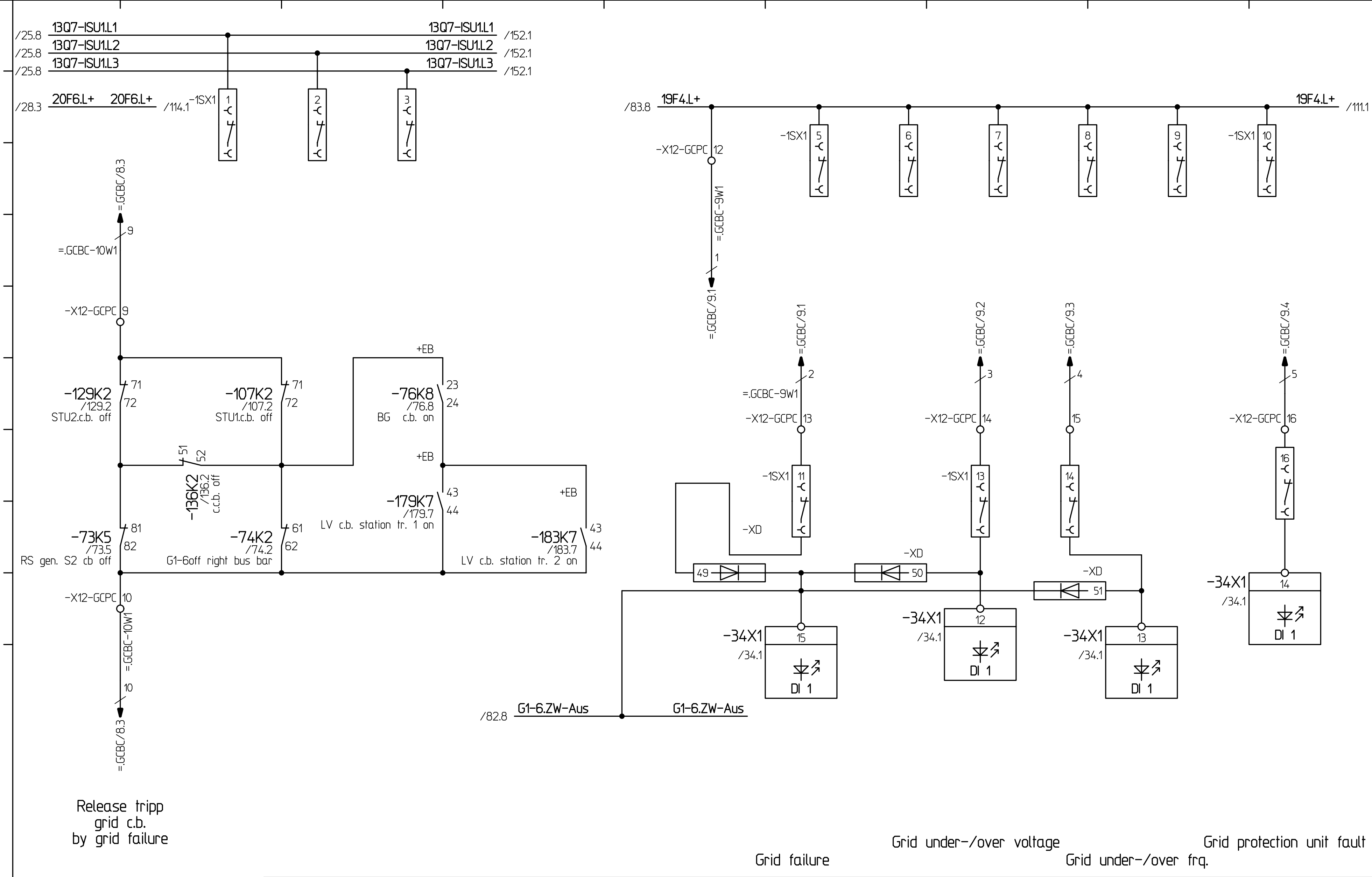
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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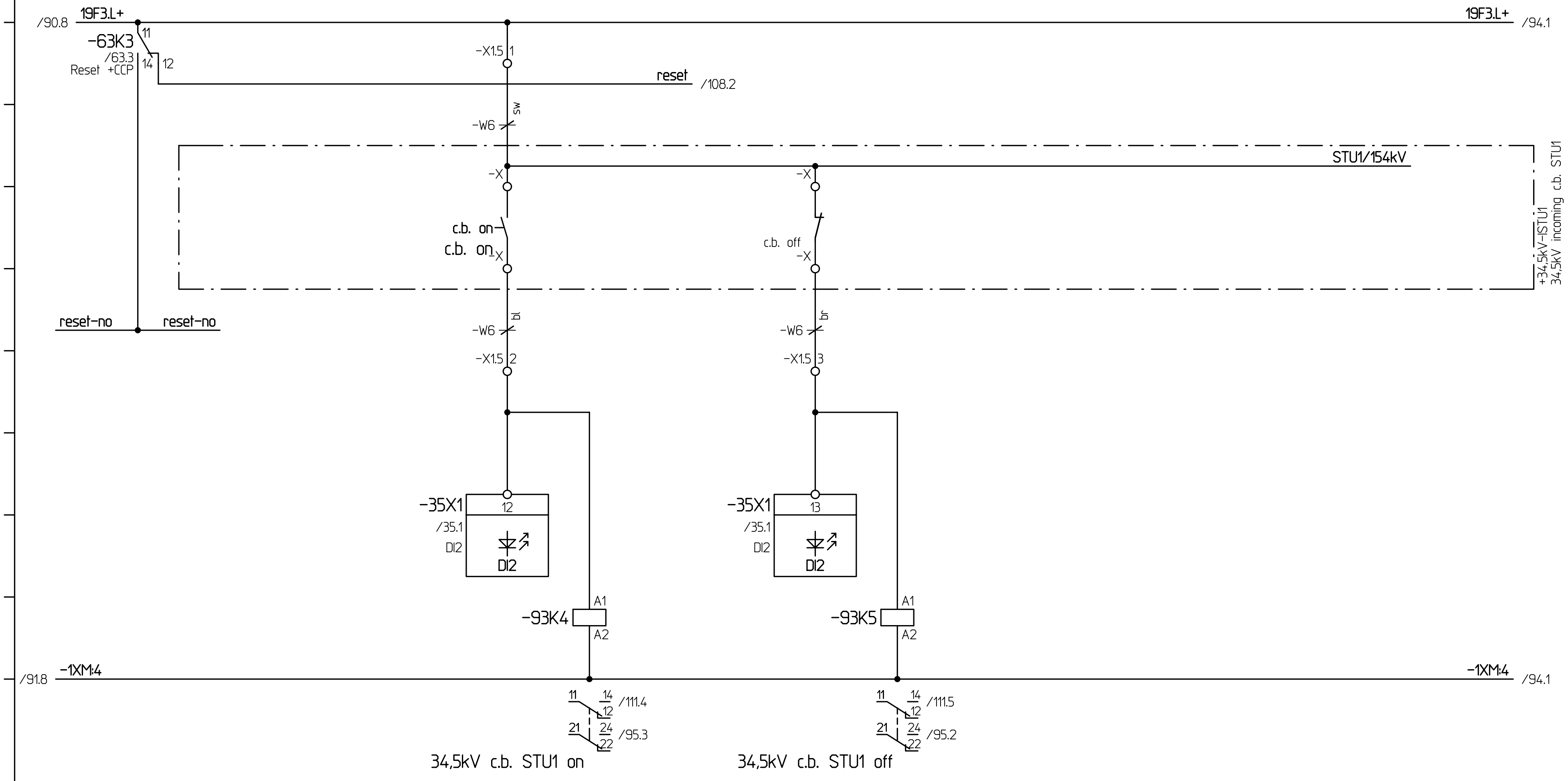
Bildbeschreibung
IMAGE DESCRIPTION

Grid failure protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		



34,5kV c.b. STU1 on

34,5kV c.b. STU1 off

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Bildbeschreibung
IMAGE DESCRIPTION

34,5kV signals c.b. step up transf. 1

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

Index | changing | Date | name

/93.8 19F3.L+ — 19F3.L+ /95.1

/93.8 -1XM:4 — -1XM:4 /96.1

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

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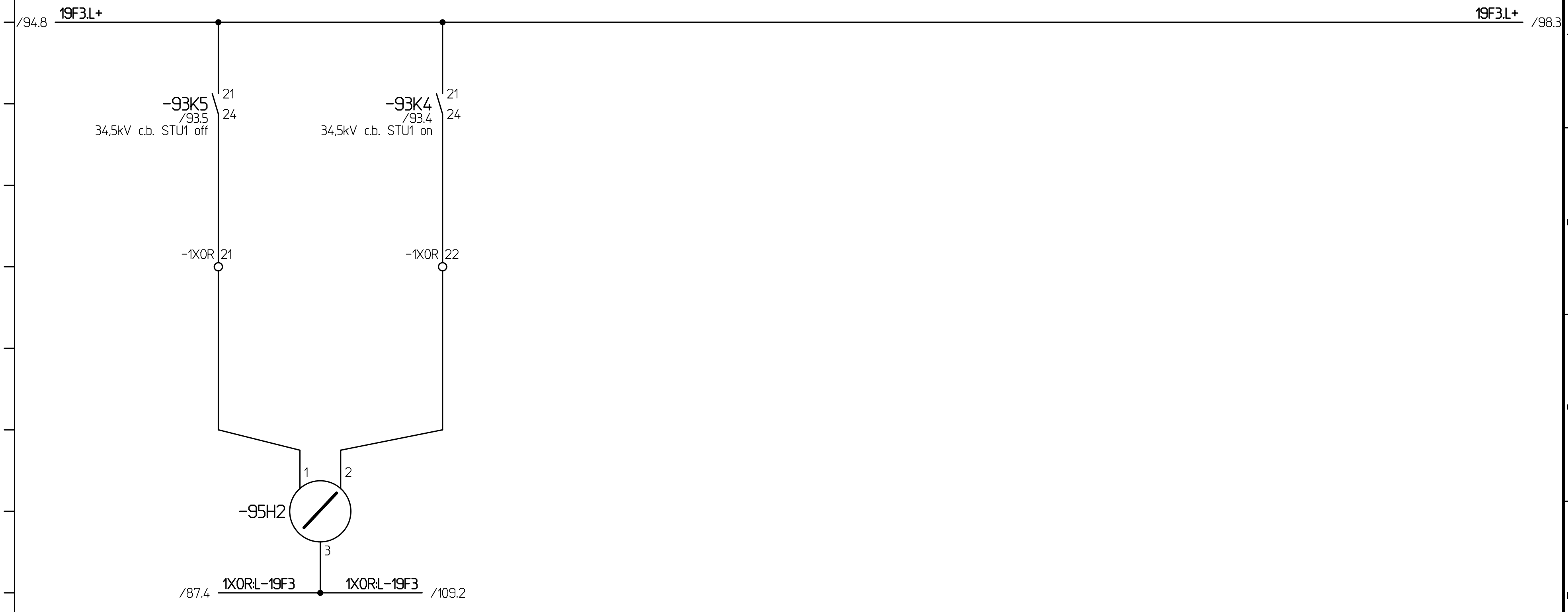

34,5kV c.b. step up transf. 1

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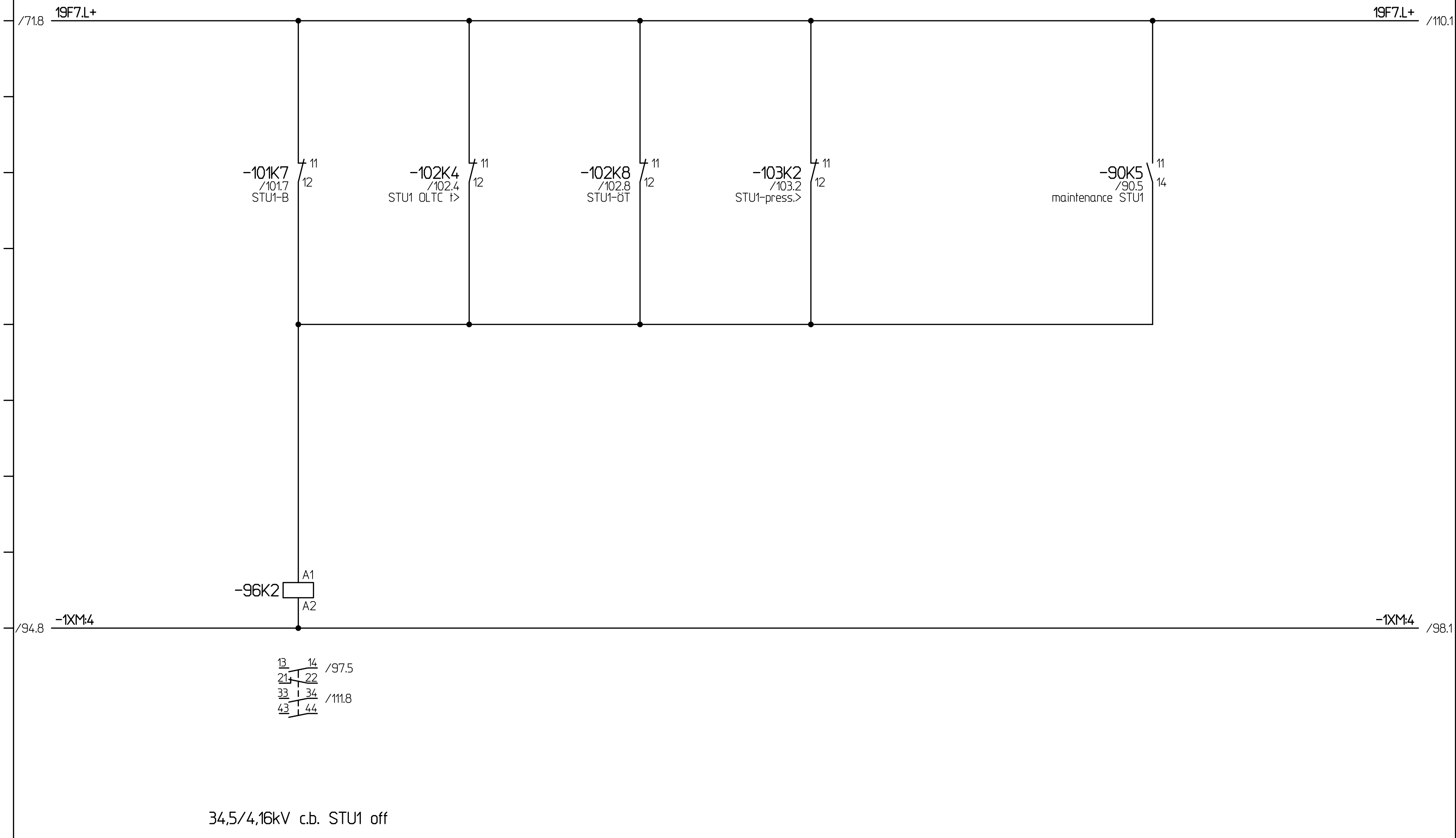
Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 1 indication

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 95
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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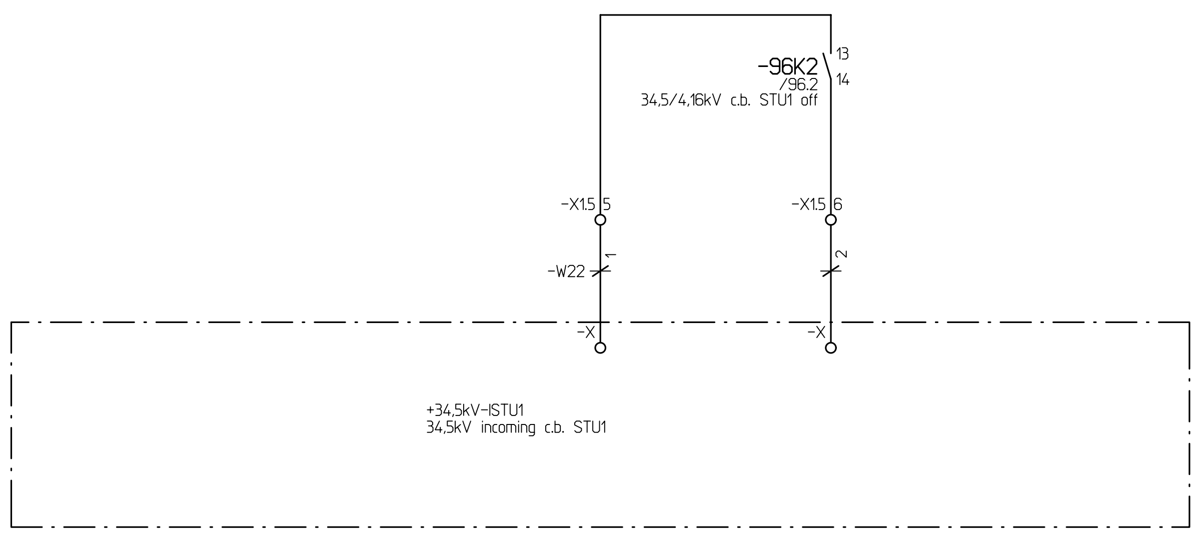
Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 1 control

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann				43730	43730	page 96
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 29.06.05				215 BL



34,5kV c.b. STU1 off

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Bildbeschreibung
IMAGE DESCRIPTION

34,5kV c.b. step up transf. 1 control

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

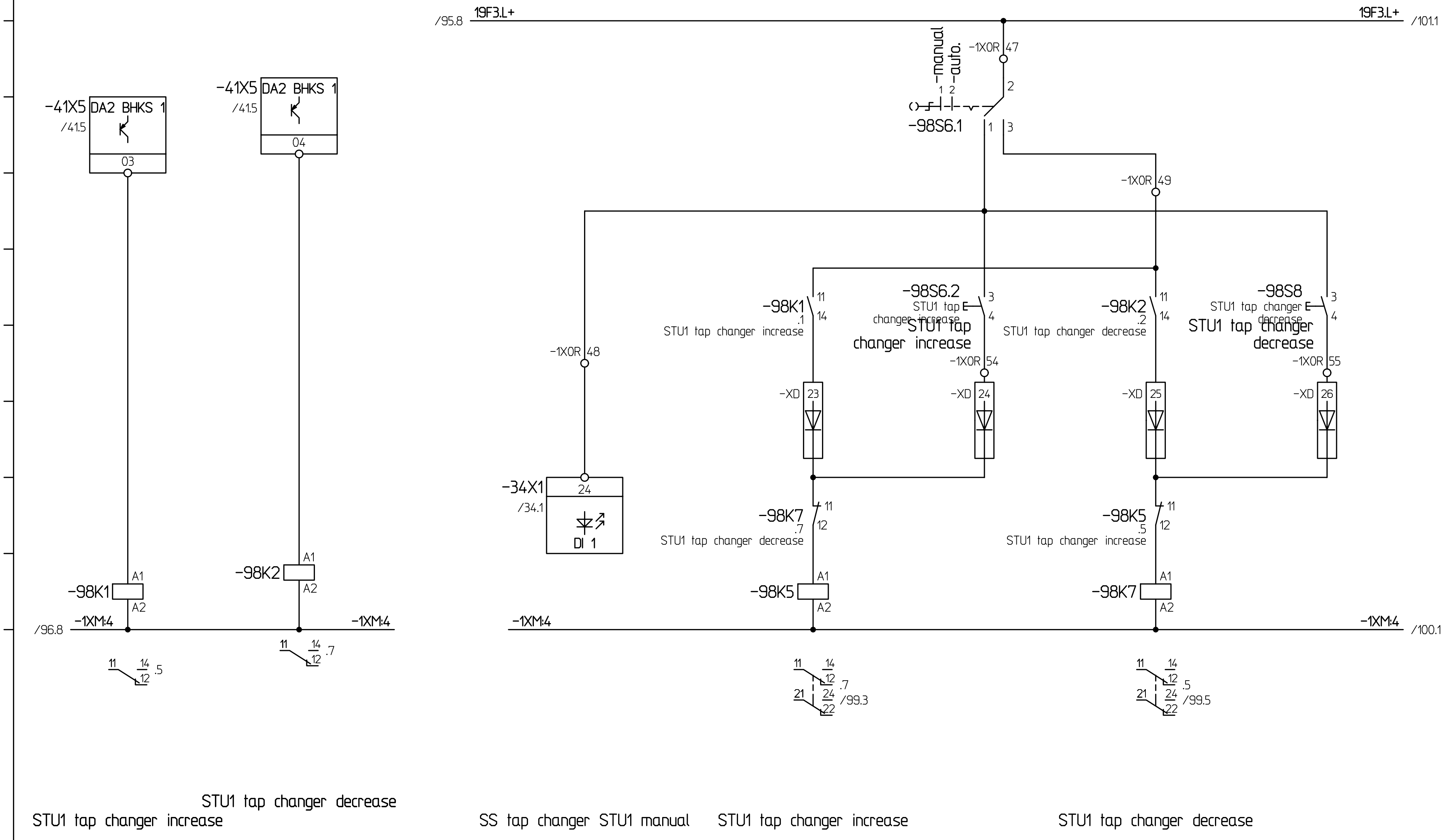
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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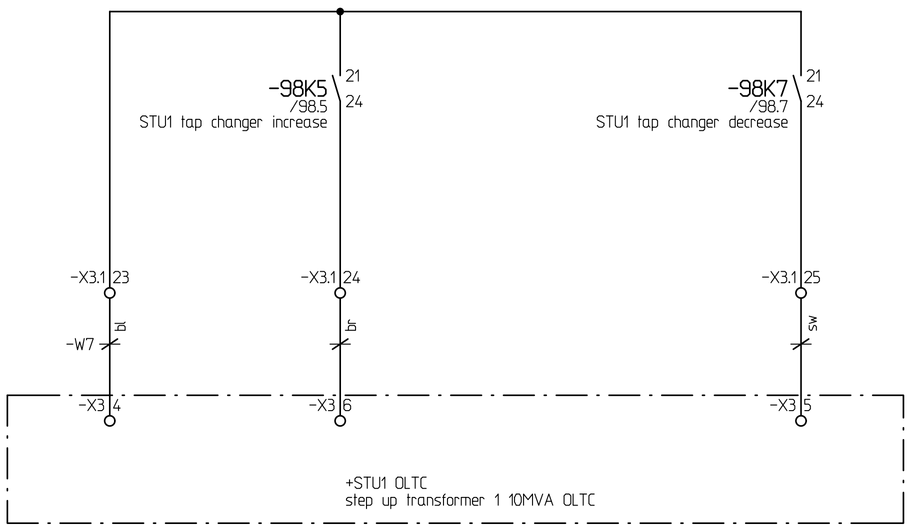
Bildbeschreibung / IMAGE DESCRIPTION: Control tap changer step up transf. 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 98 / 215 BL



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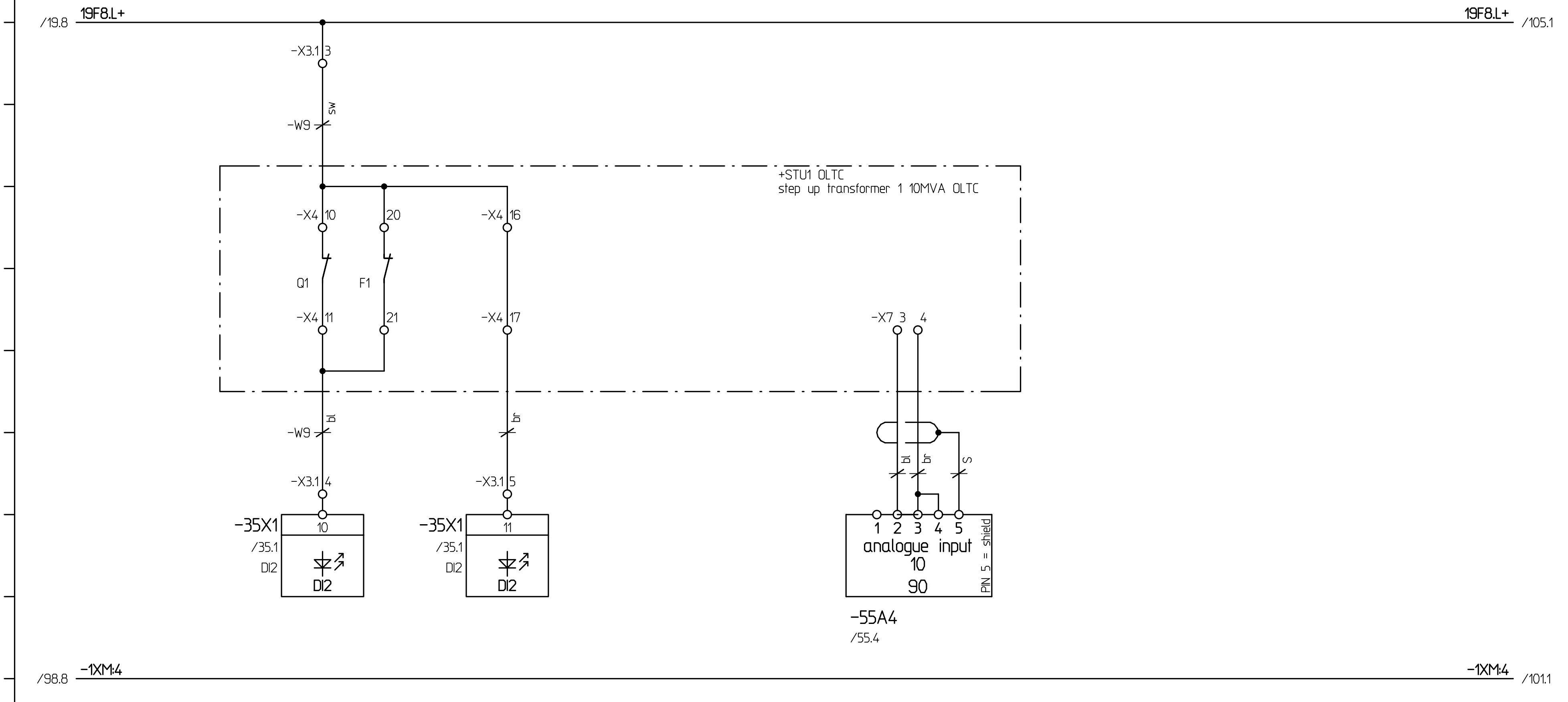
Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 99
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL



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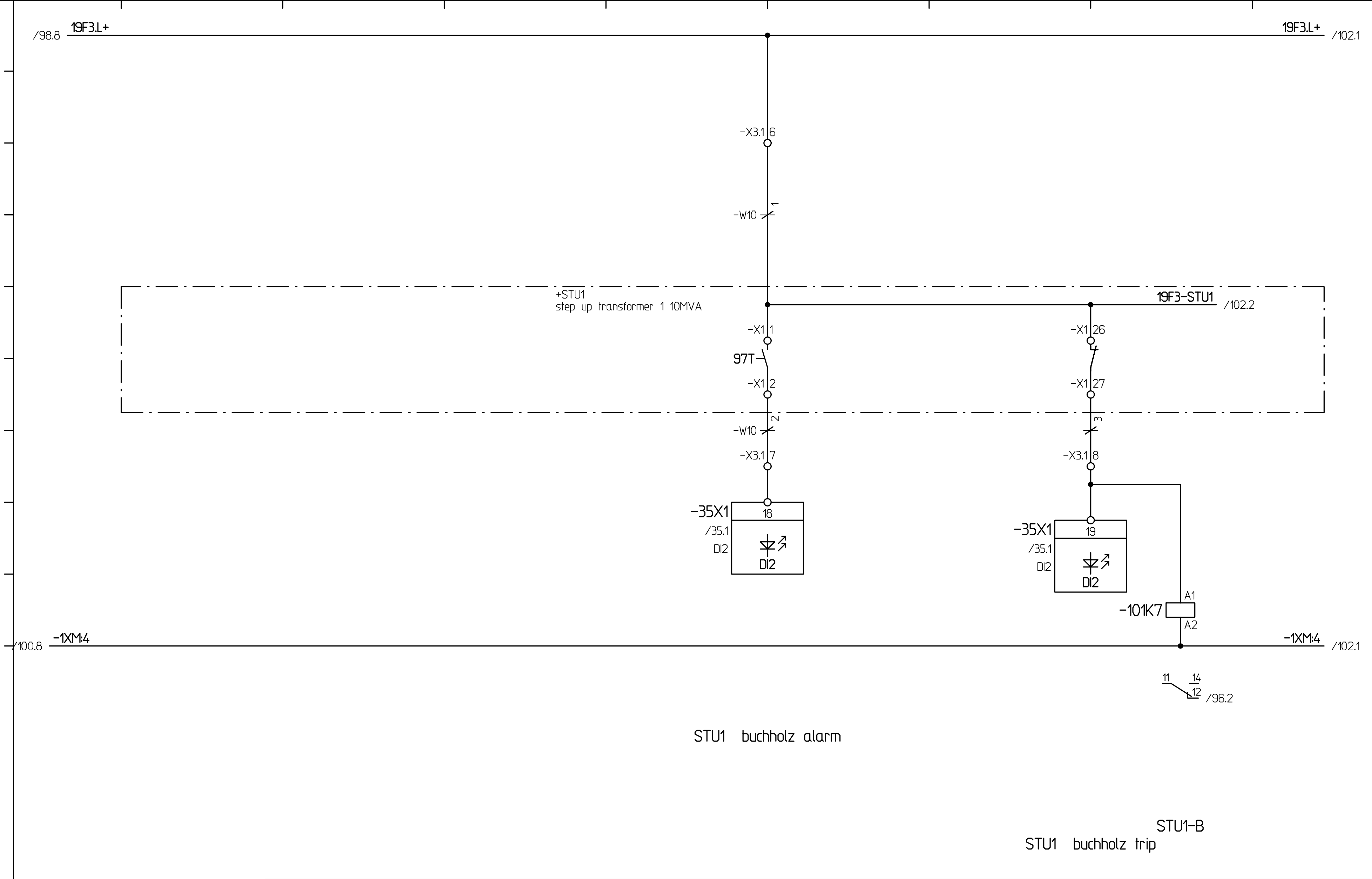
Bildbeschreibung
IMAGE DESCRIPTION
Control tap changer step up transf. 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 100
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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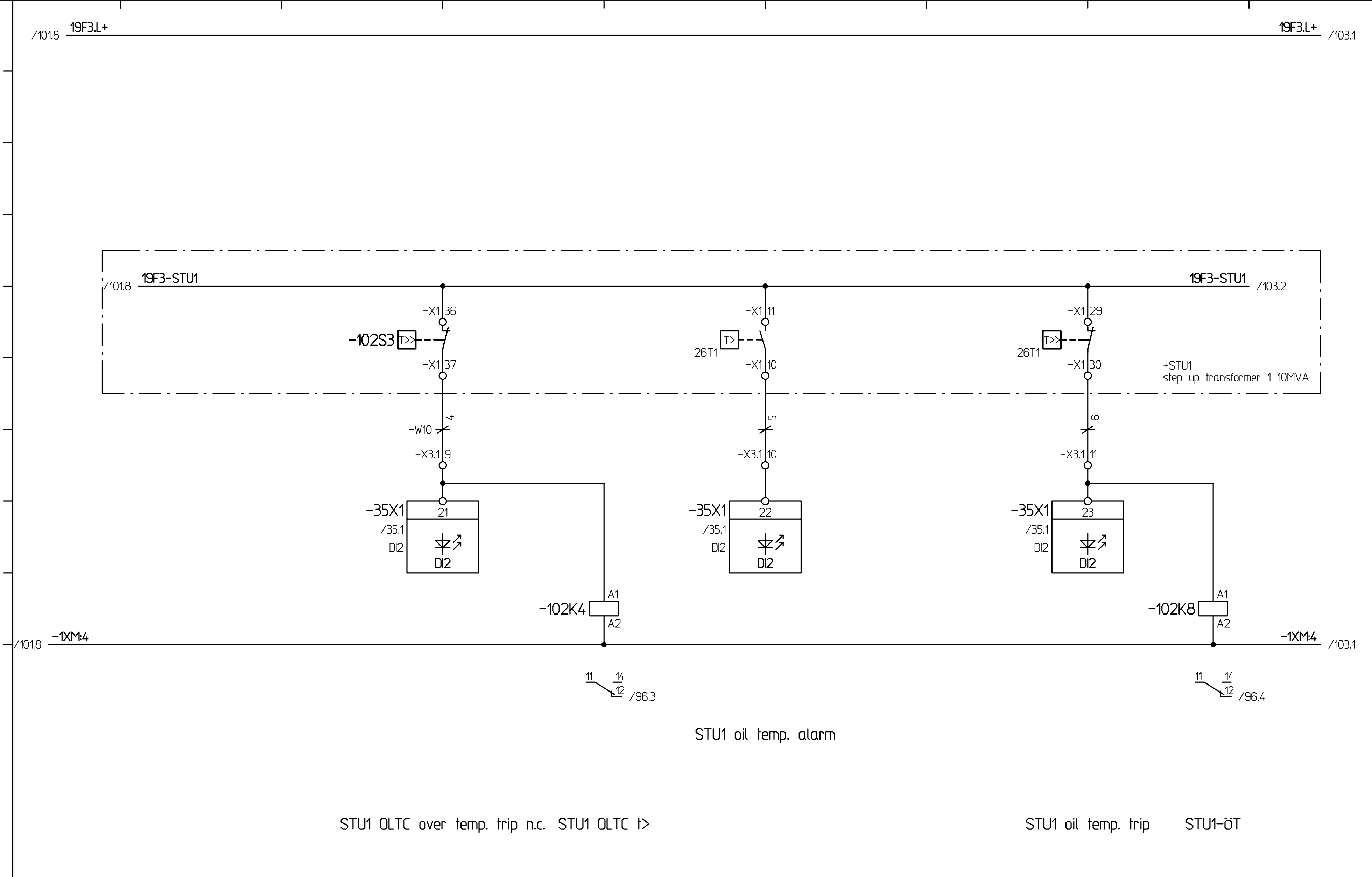
Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 1 protection

Index	changing	Date	name							
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
				Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 101 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: Step up transformer 1 protection

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

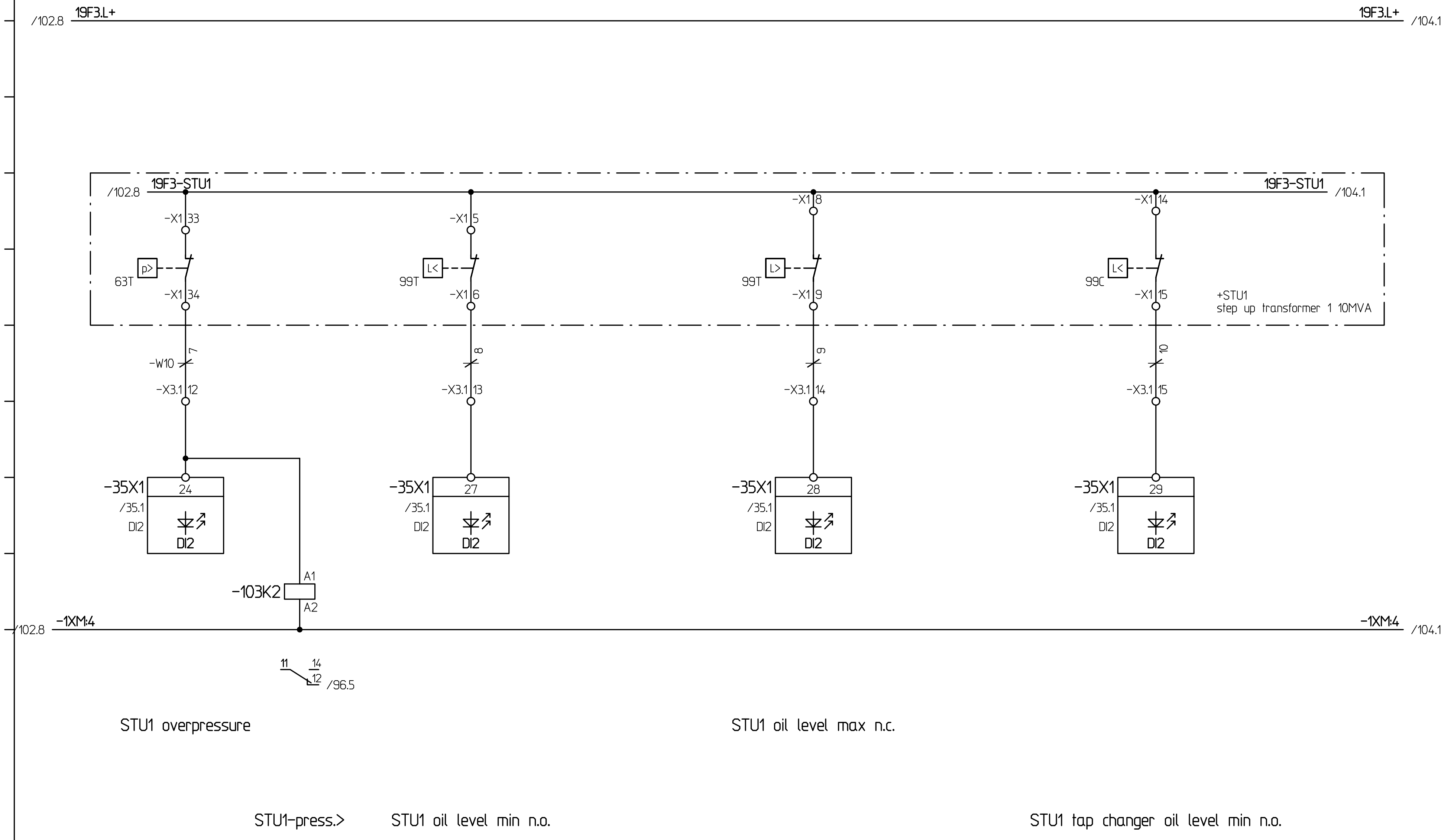
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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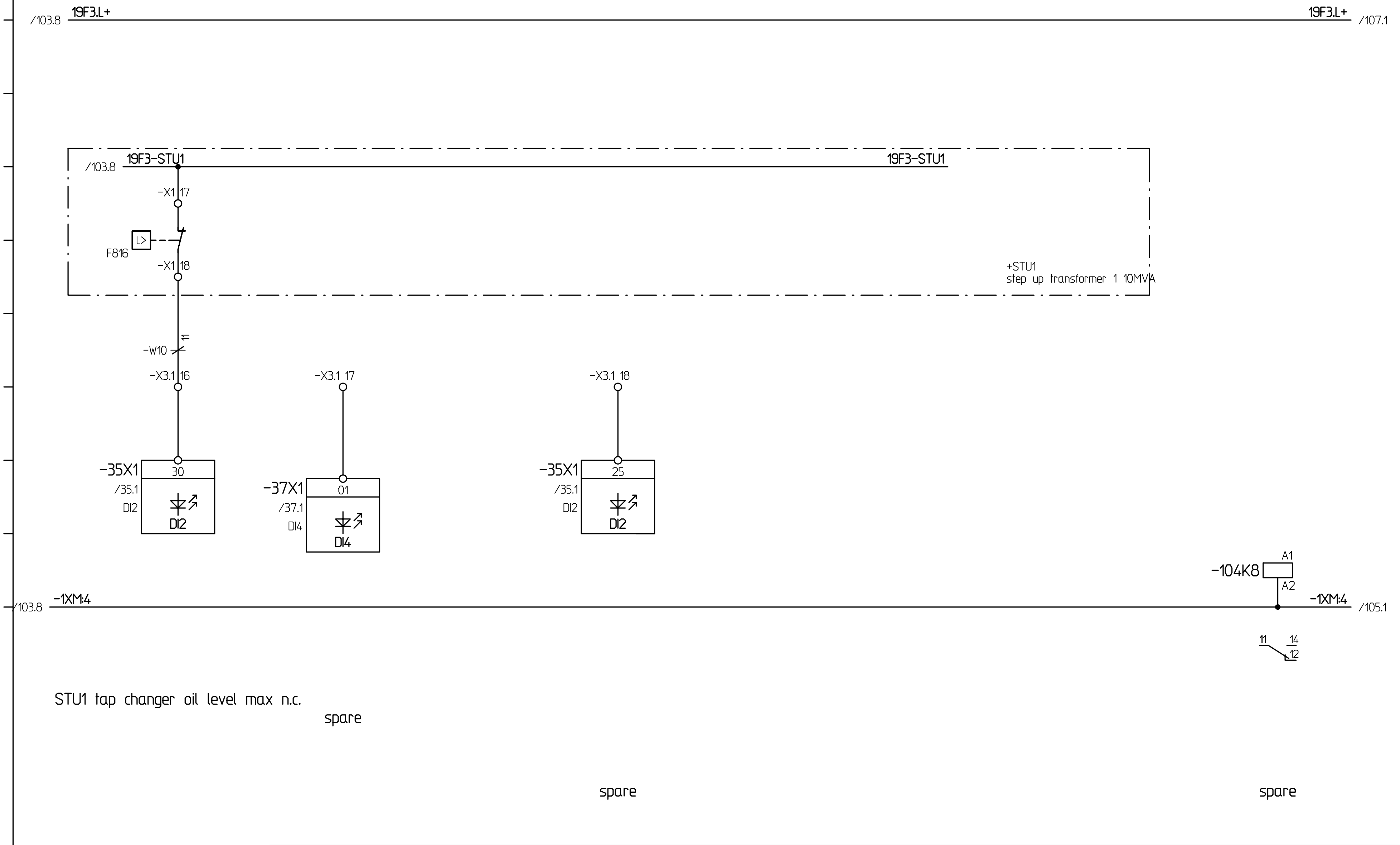
Bildbeschreibung IMAGE DESCRIPTION: Step up transformer 1 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 103 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: Step up transformer 1 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 104
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

kWh counter STU1 1251/1664kWh

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Bildbeschreibung
IMAGE DESCRIPTION

kWh counter input STU1

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	43730	page 105
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05				215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel
				Desig.	A. Stellmann			
				Check	A. Stellmann			
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05	

4500005501 =DPP +CCP

43730 43730

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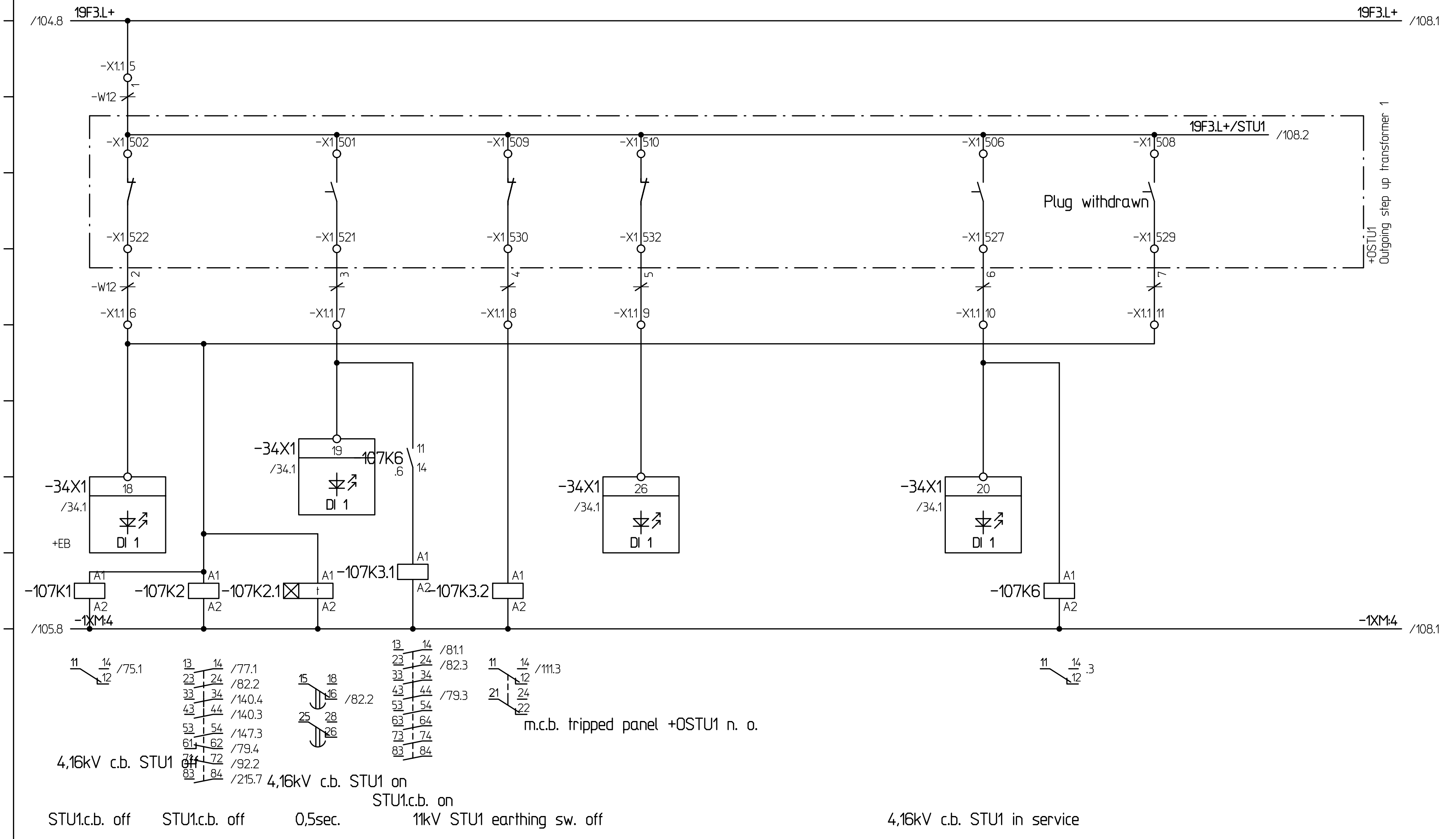

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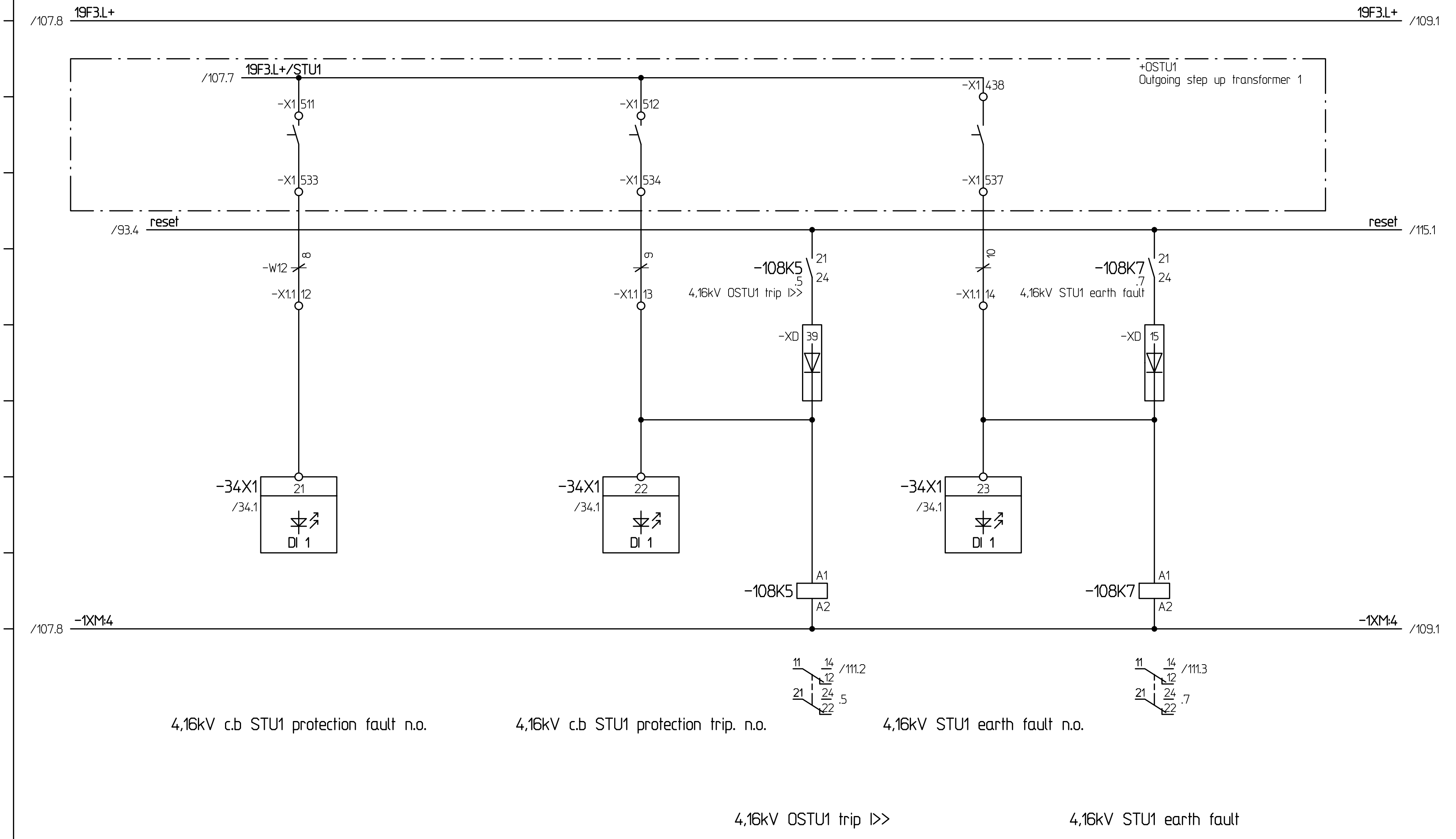
Bildbeschreibung / IMAGE DESCRIPTION: Control 4,16kV c. b. step up transf.1

			Date	01.02.05	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501	=DPP
			Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC		+CCP
			Check	A. Stellmann				Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		page 107 / 215 BL



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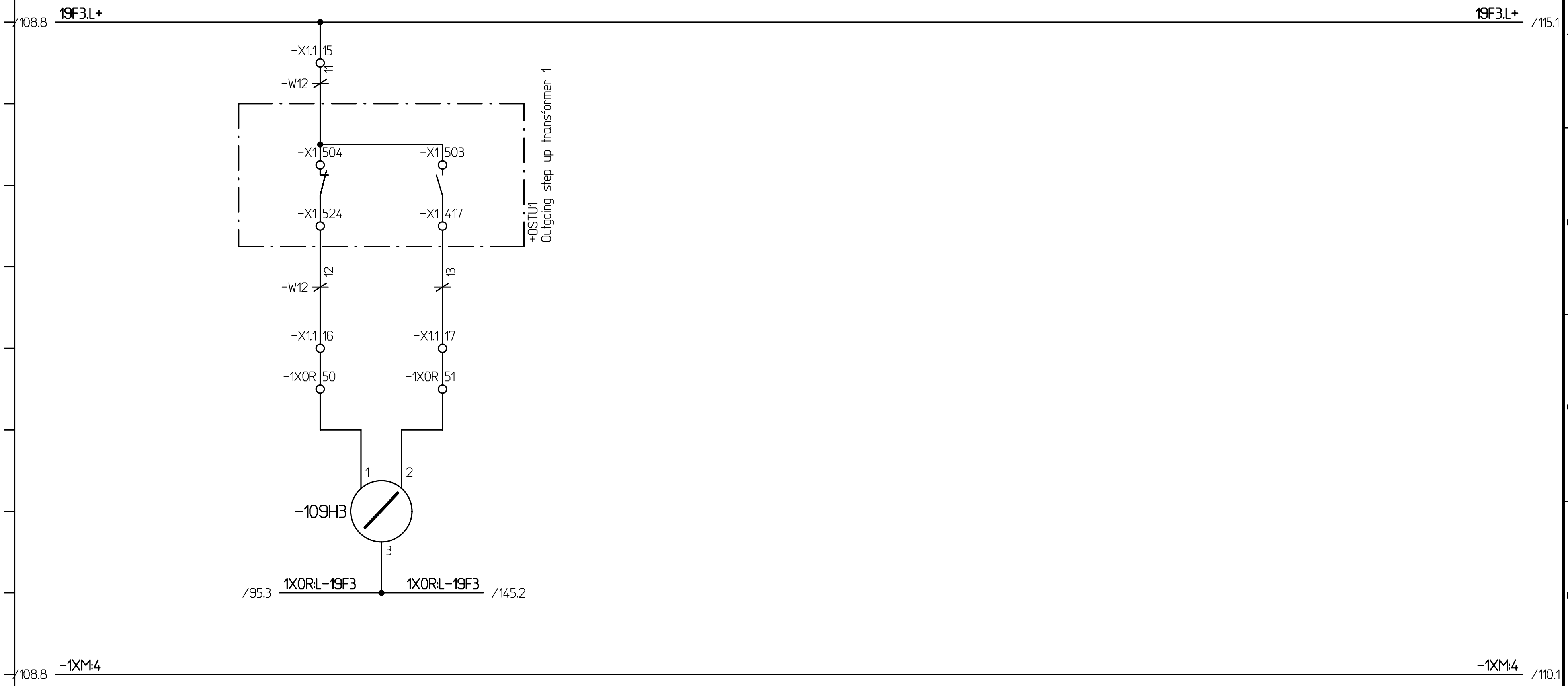
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. step up transf.1

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 108 / 215 BL



11kV Outgoing feeder step up transf. 1

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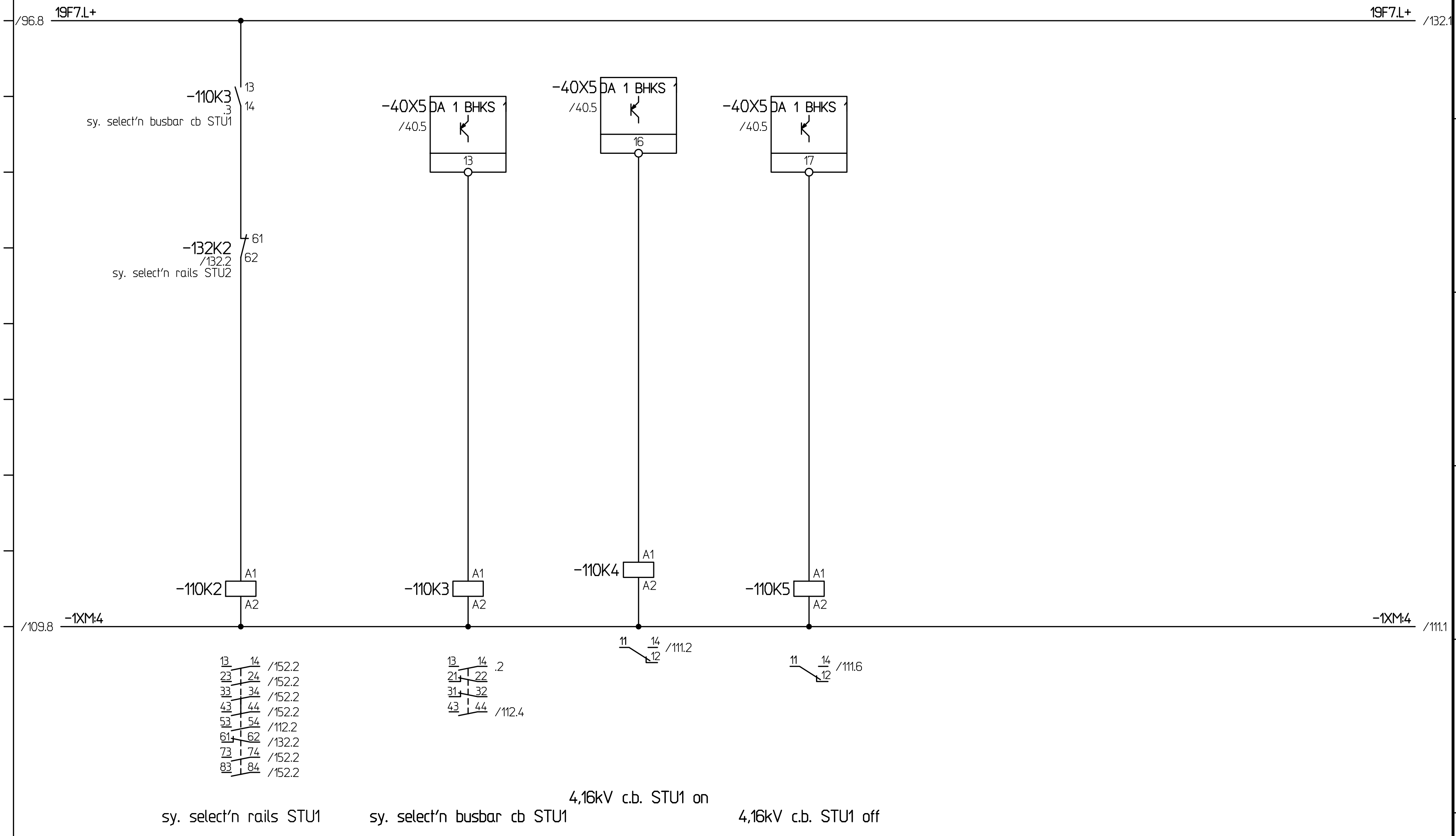
Bildbeschreibung
IMAGE DESCRIPTION
Indication 11kV c.b. step up tr.1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			



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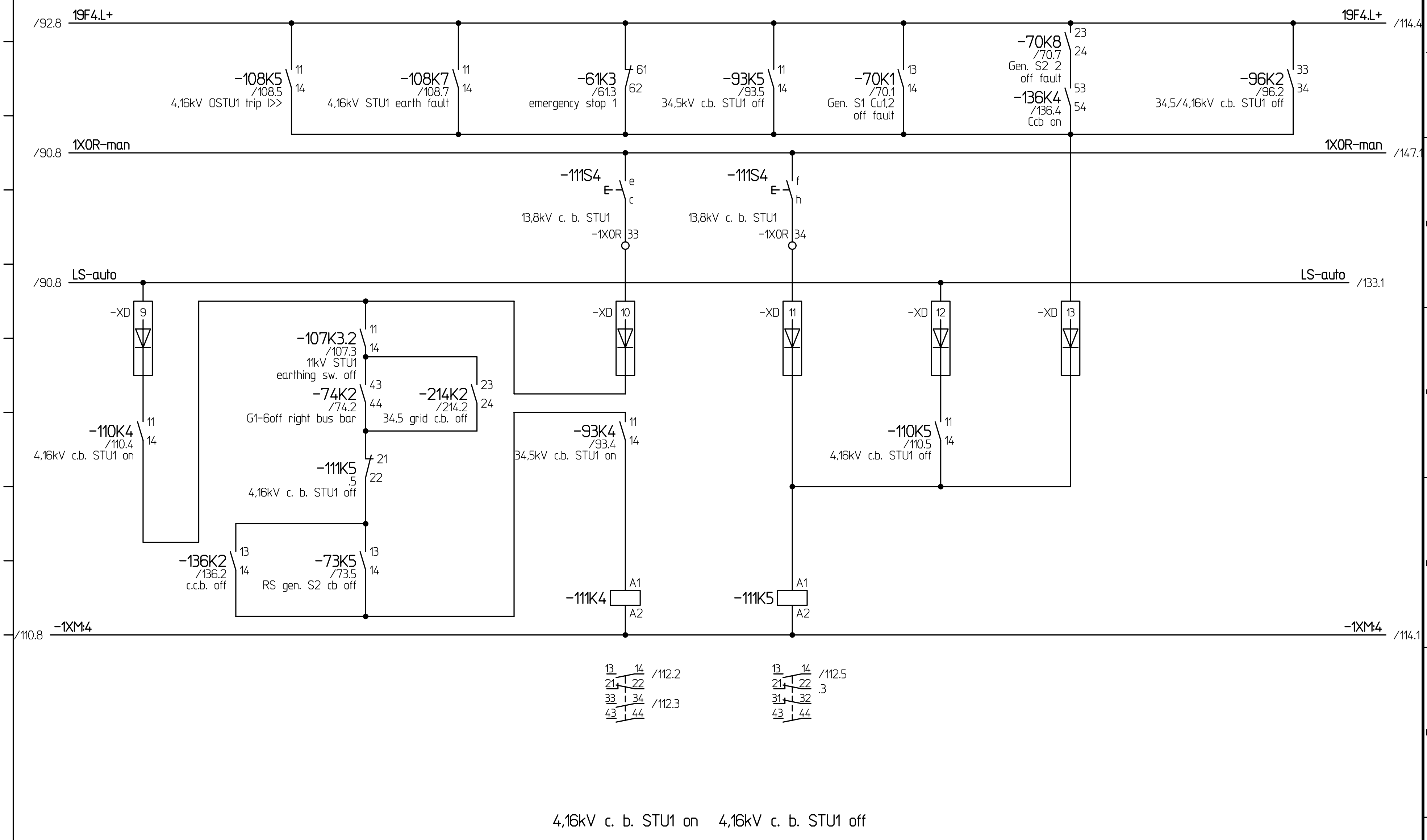
Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 1 c. b. control

Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC	=DPP
Check	A. Stellmann			Common Control Panel	+CCP
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730 / 43730

Index | changing | Date | name



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Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step up transf. 1 c. b. control

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

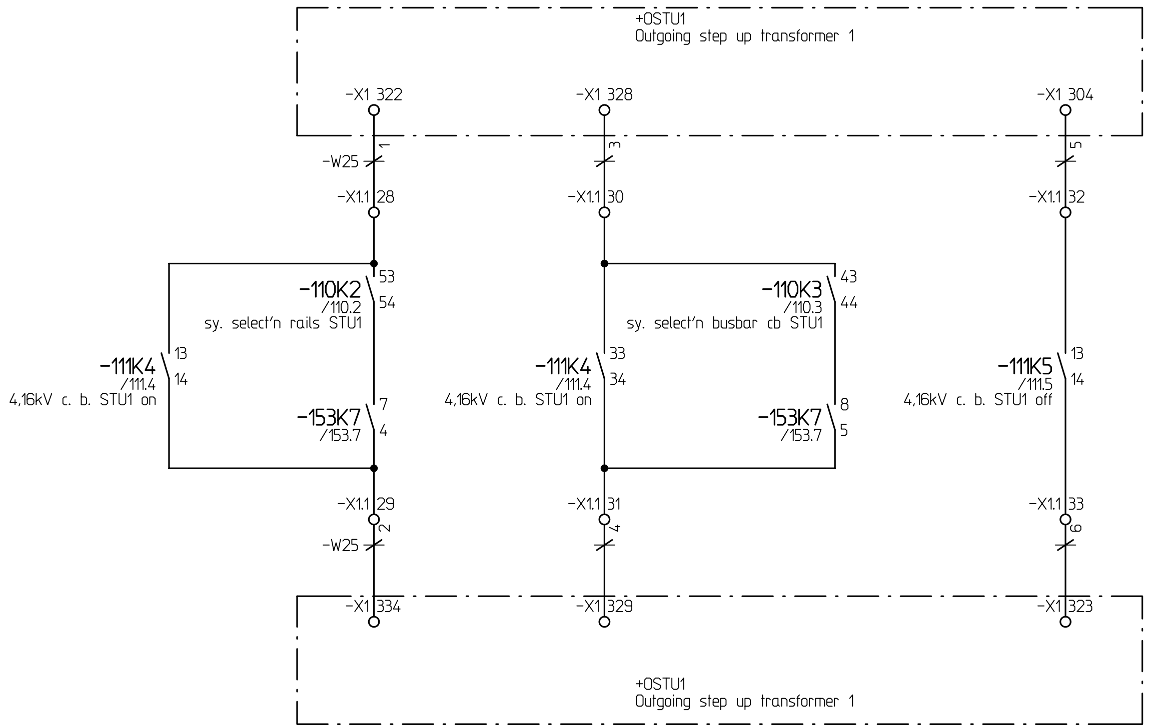
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



13,8kV OSTU1 c. b. on

13,8kV OSTU1 c. b. off

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Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 1 c. b. control

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 29.06.05			page 112 215 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

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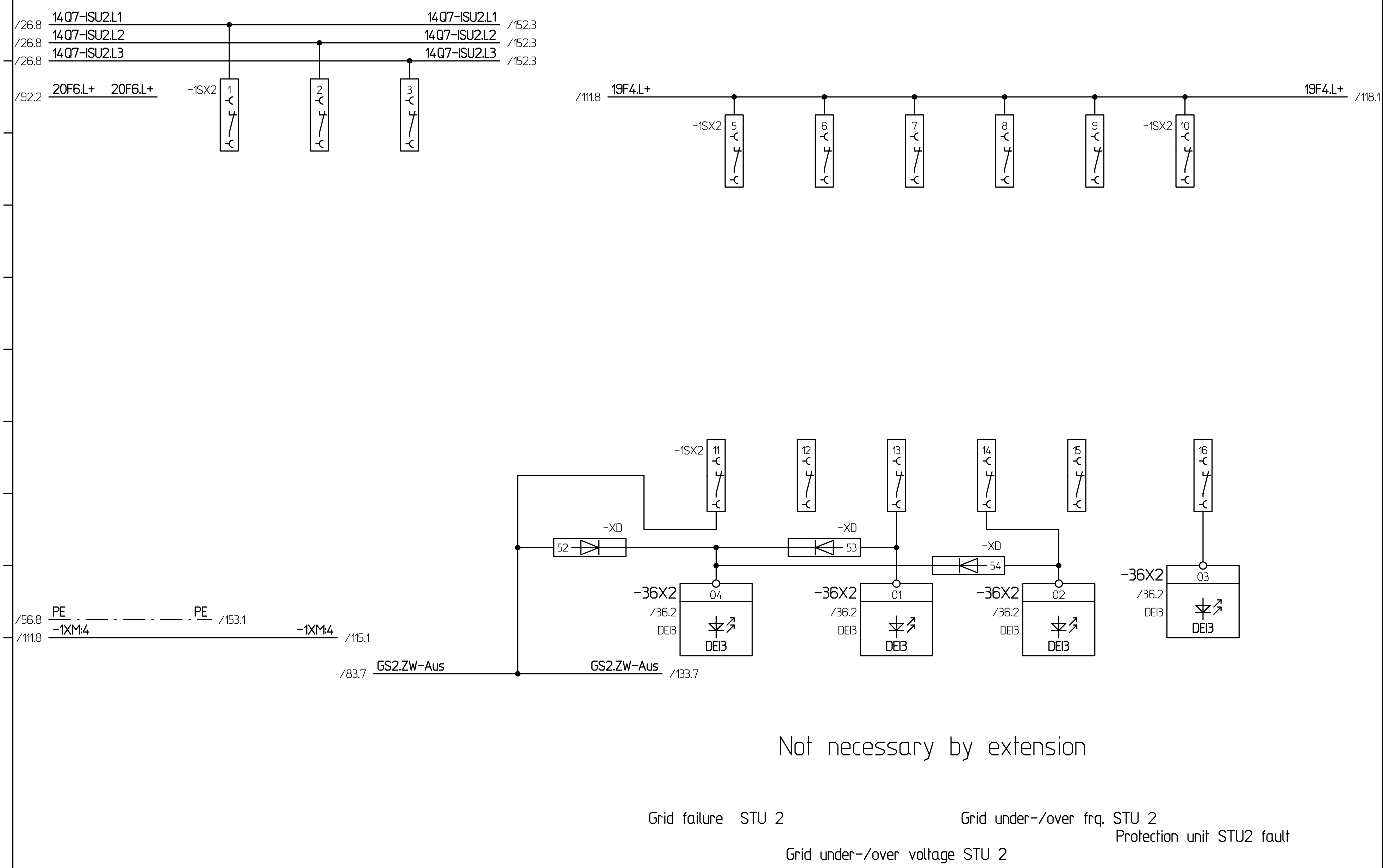

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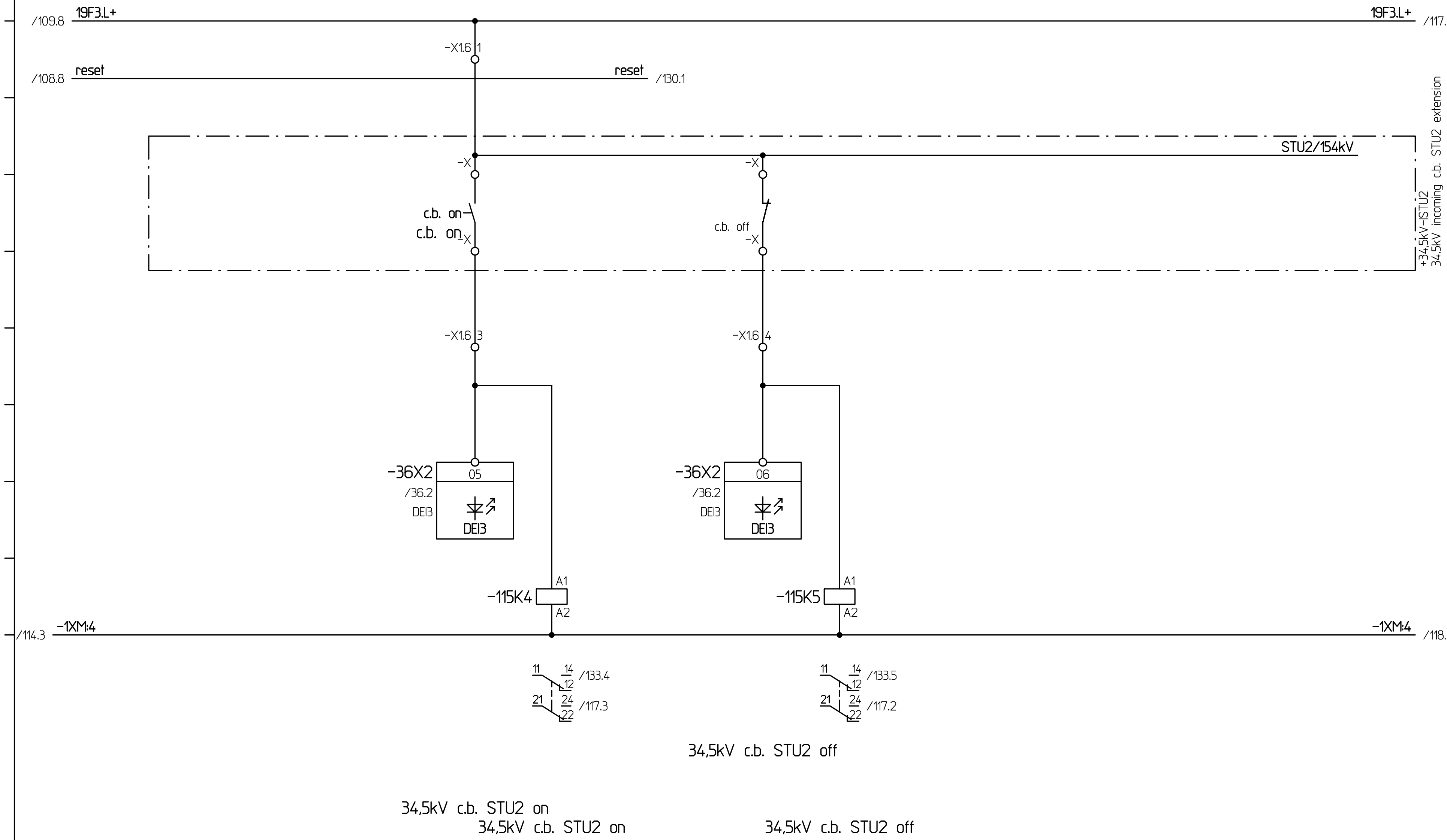
Bildbeschreibung
IMAGE DESCRIPTION

Grid failure prot. STU2 extension

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730	page 114
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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Bildbeschreibung IMAGE DESCRIPTION: 34,5kV signals c.b. step up transf. 2 ex

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ersf.	Ersd. 29.06.05		page 115 / 215 BL

Index	changing	Date	name

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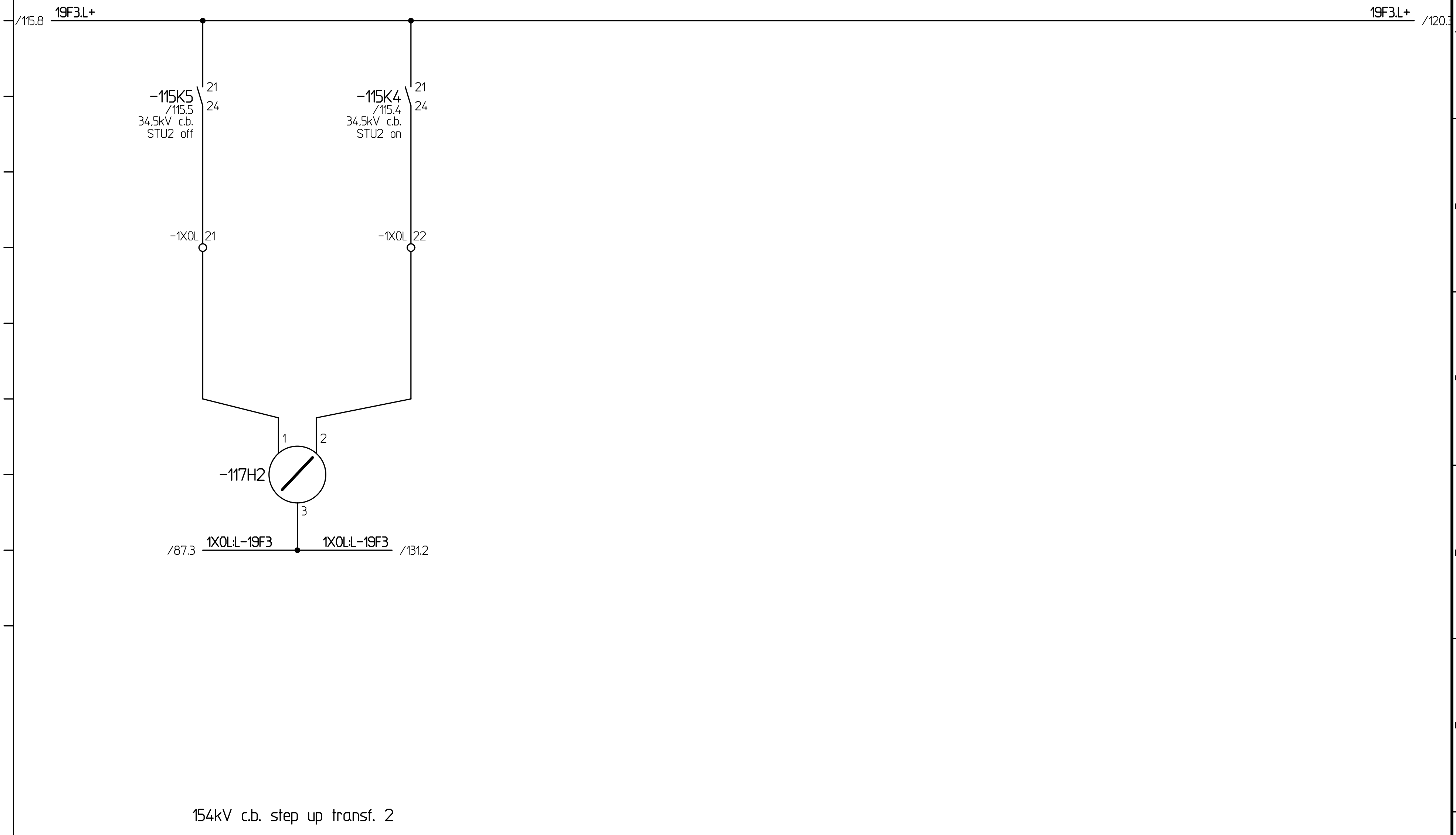
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 29.06.05			



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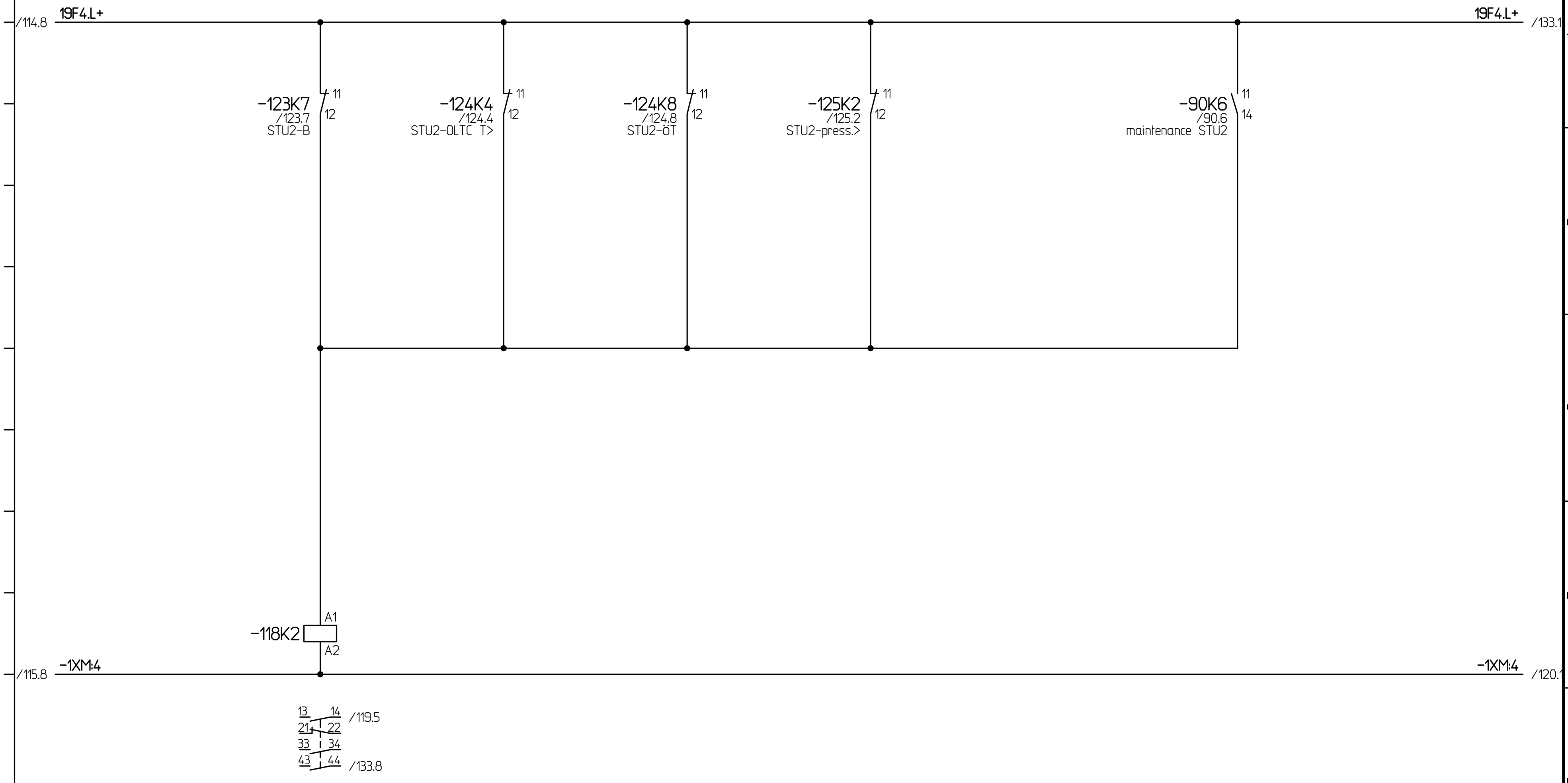
Bildbeschreibung
IMAGE DESCRIPTION

34,5kV c.b. step up transf. 2 indication

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		page 117 / 215 BL



34,5/4,16kV c. b. STU2 off

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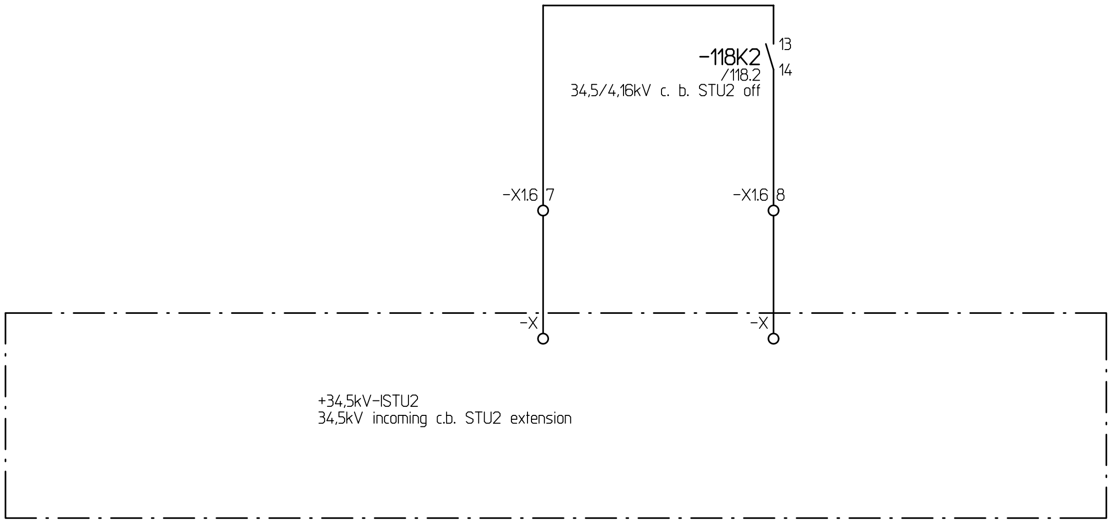
Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 2 control ex

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 118 / 215 BL



34,5kV c.b. STU2 off

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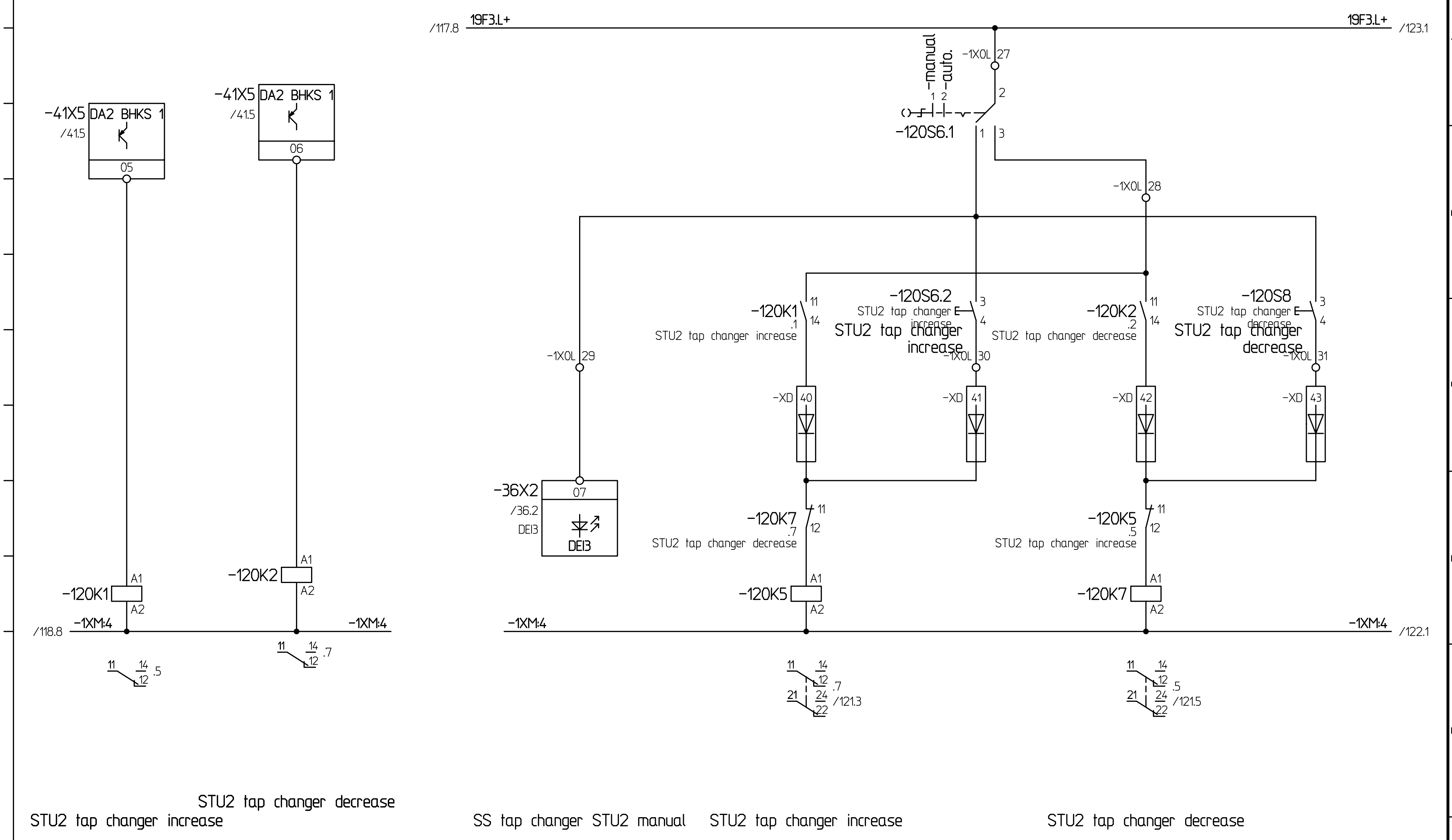
Bildbeschreibung
IMAGE DESCRIPTION
34,5kV c.b. step up transf. 2 control ex

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 119 / 215 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 2 ex

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

page 120
215 BL

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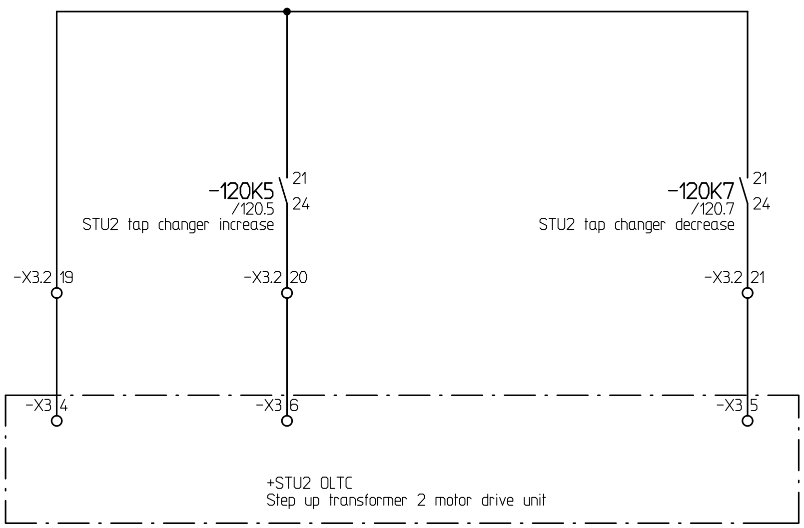

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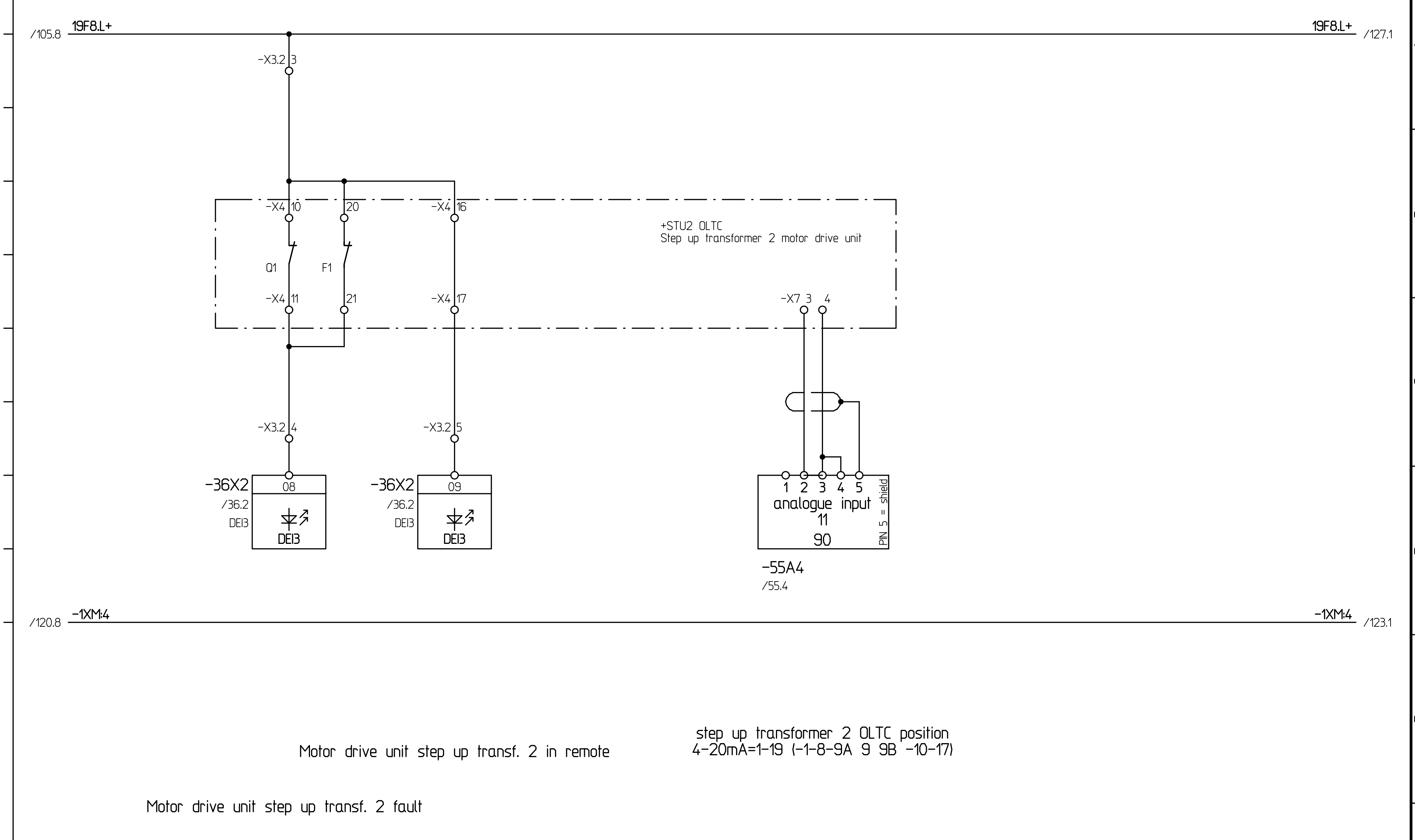
Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 2 ex

				Date	01.02.05	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC		+CCP
				Check	A. Stellmann				Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			



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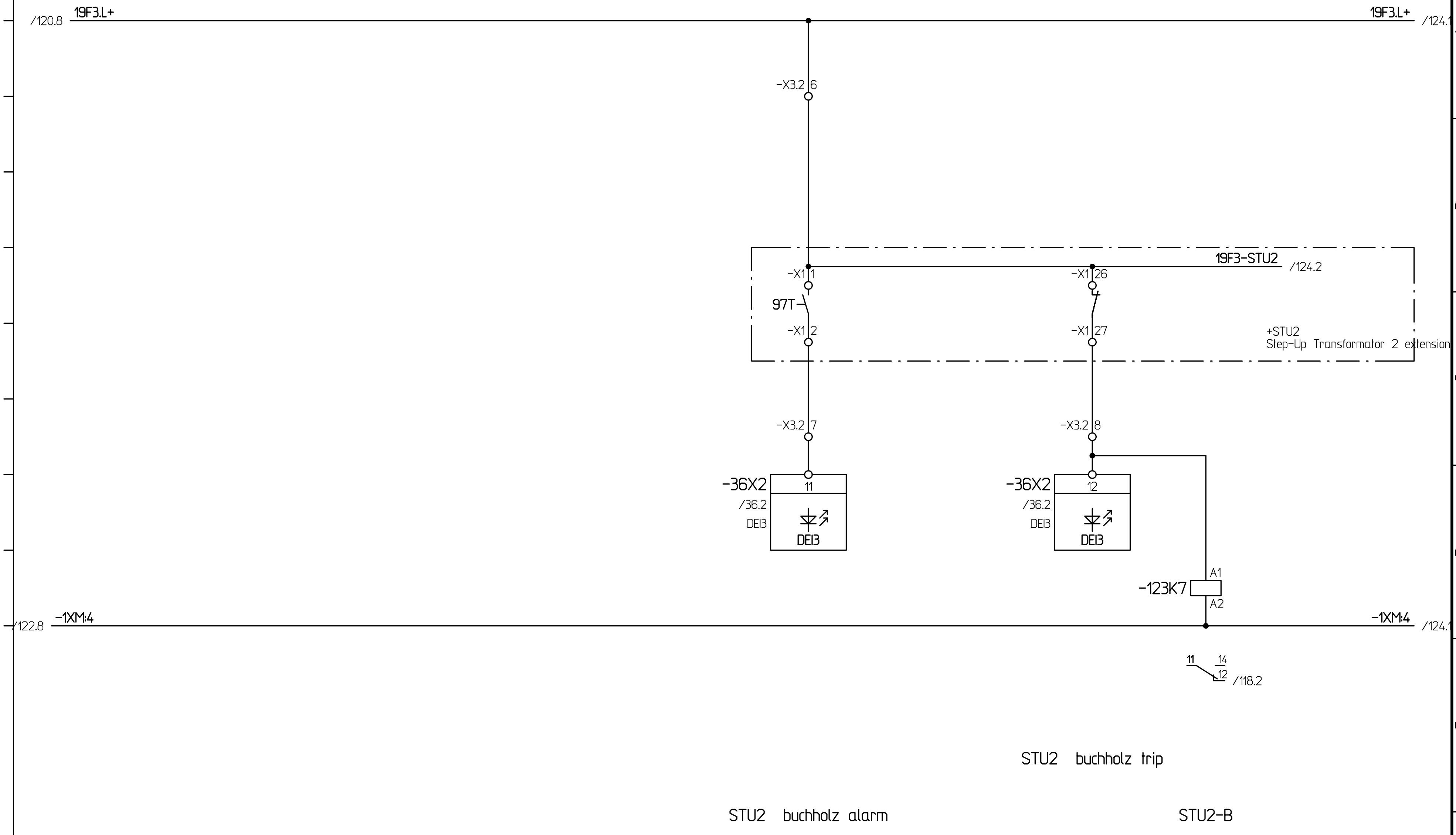
Bildbeschreibung / IMAGE DESCRIPTION: Control tap changer step up transf. 2 ex

Index	changing	Date	name								
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			page 122 / 215 BL



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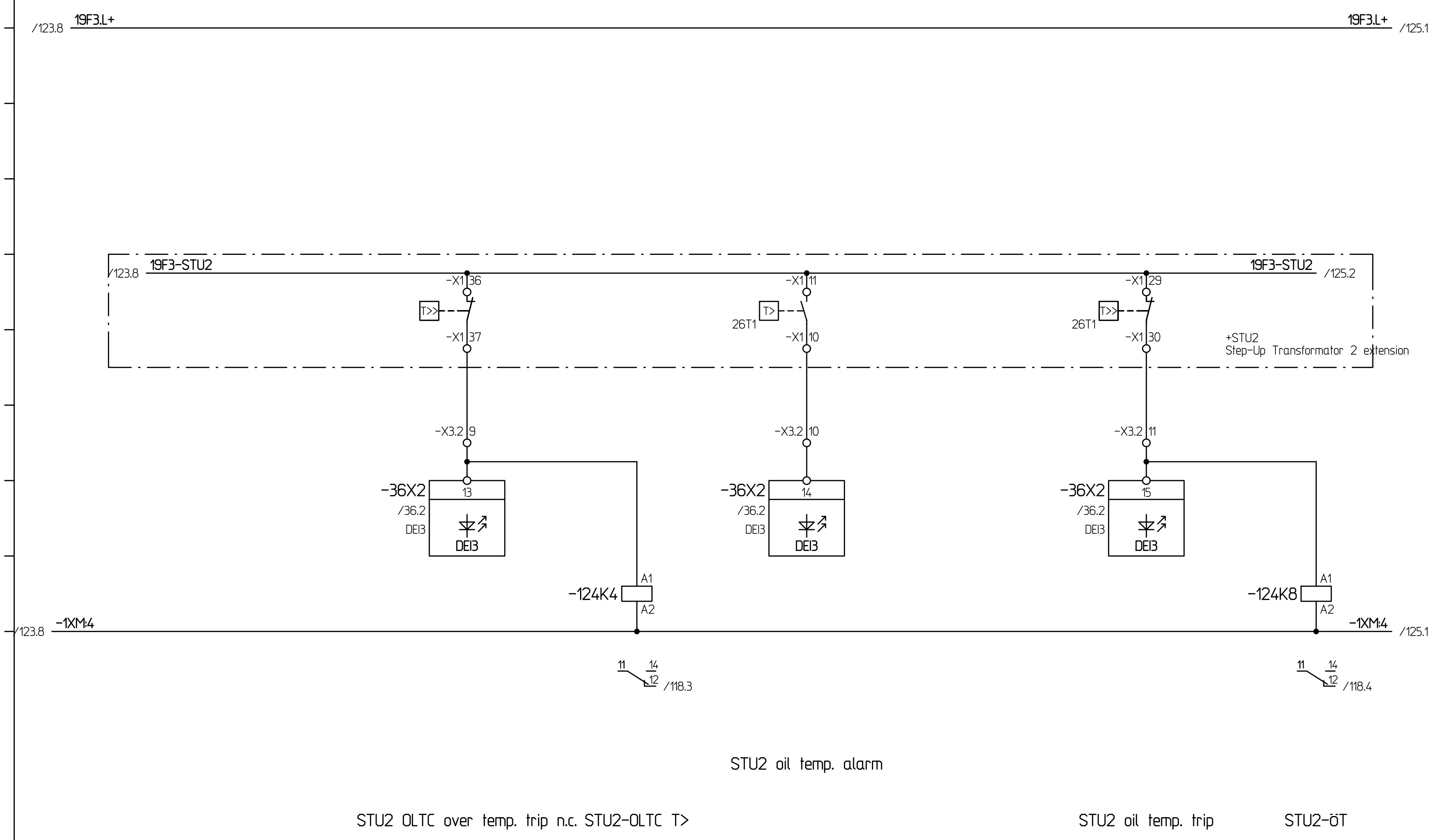
Bildbeschreibung IMAGE DESCRIPTION: Step up transformer 2 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 123
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



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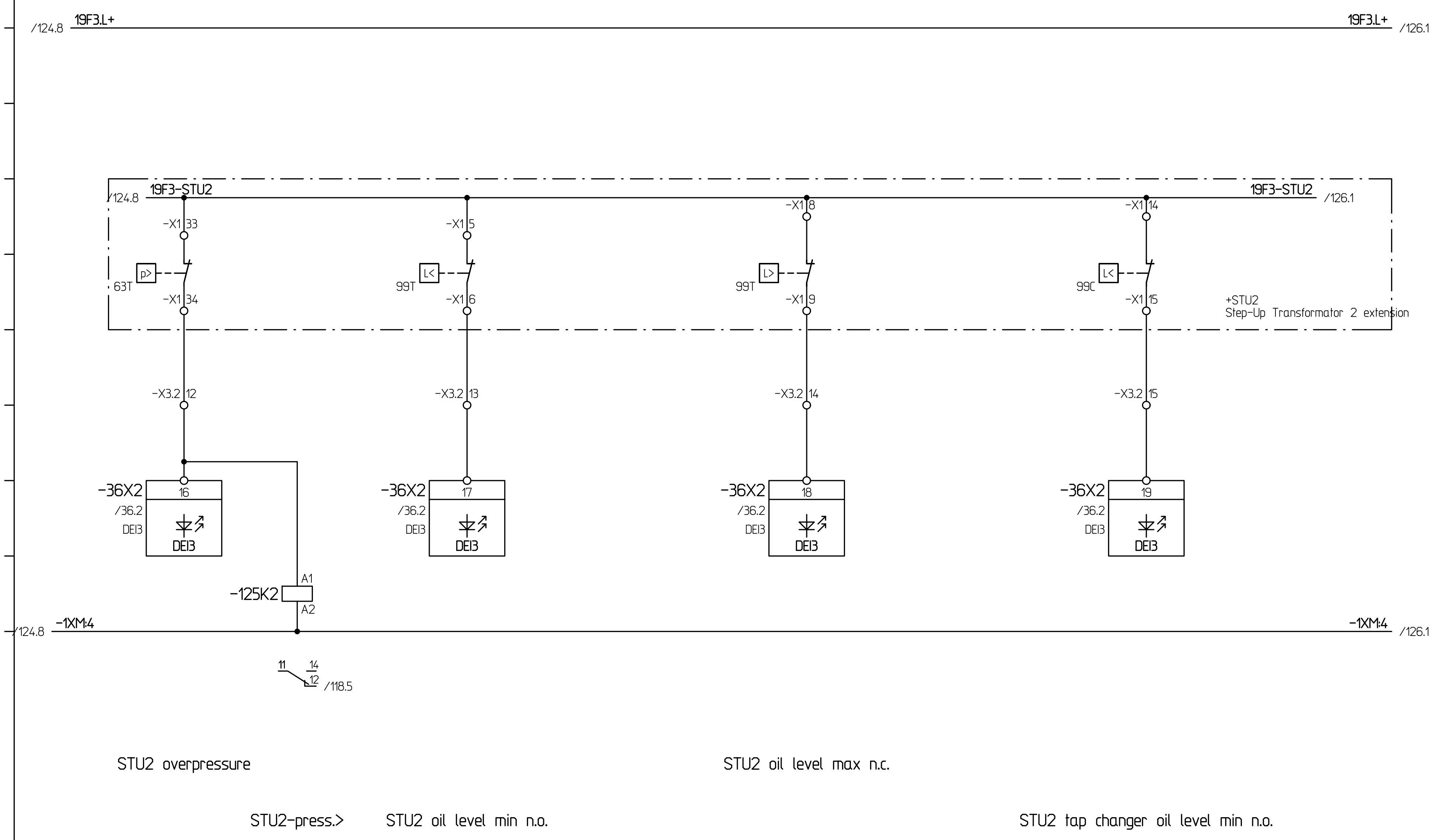
Bildbeschreibung
IMAGE DESCRIPTION
Step up transformer 2 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 124
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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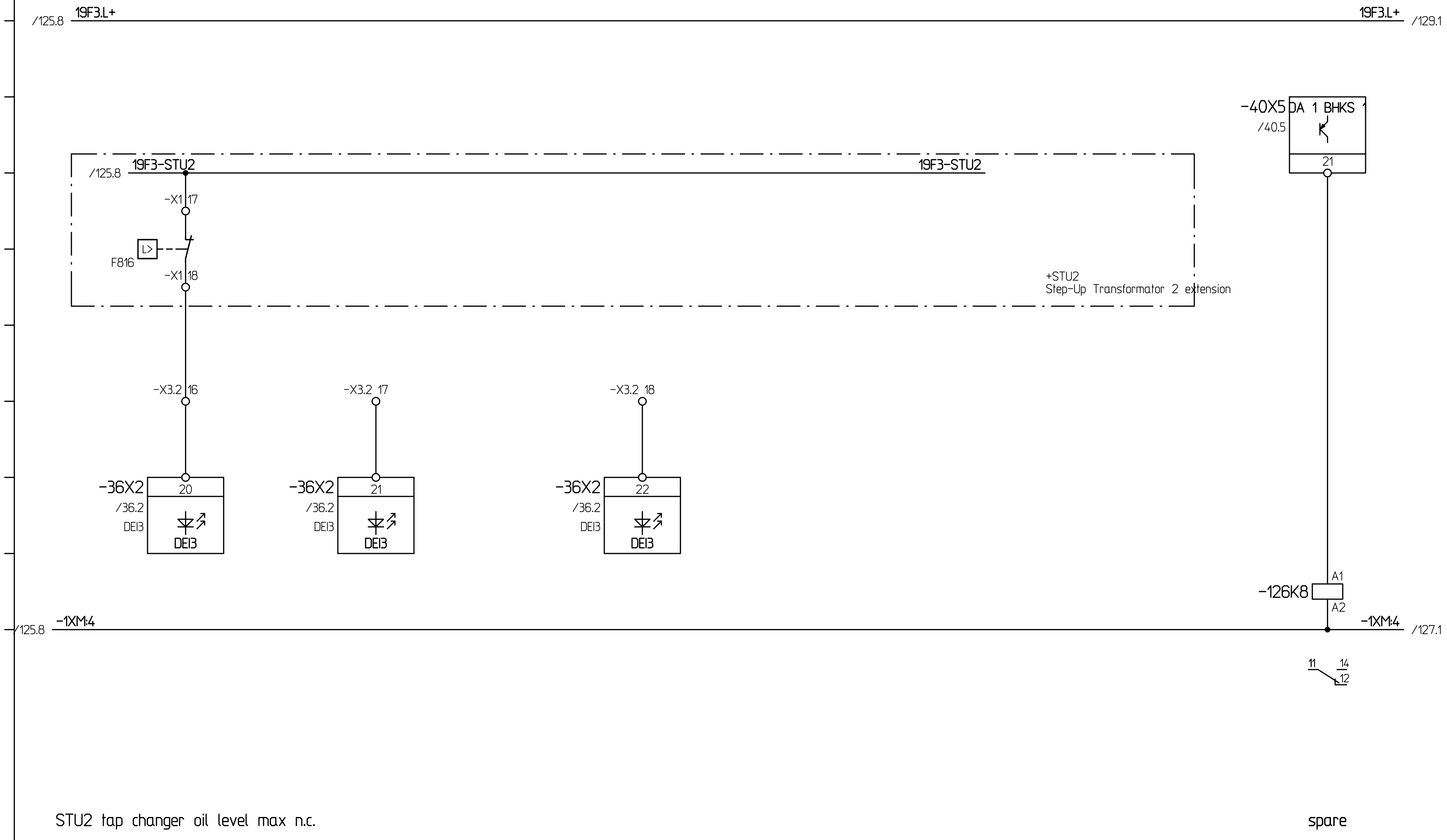
Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 2 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 125 / 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 2 protection

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 126 / 215 BL

kWh counter STU2 1251/1664kWh

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Bildbeschreibung
IMAGE DESCRIPTION
kWh counter input STU2

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP	
				Desig.	A. Stellmann								
				Check	A. Stellmann					43730	43730		page 127
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05					215 BL

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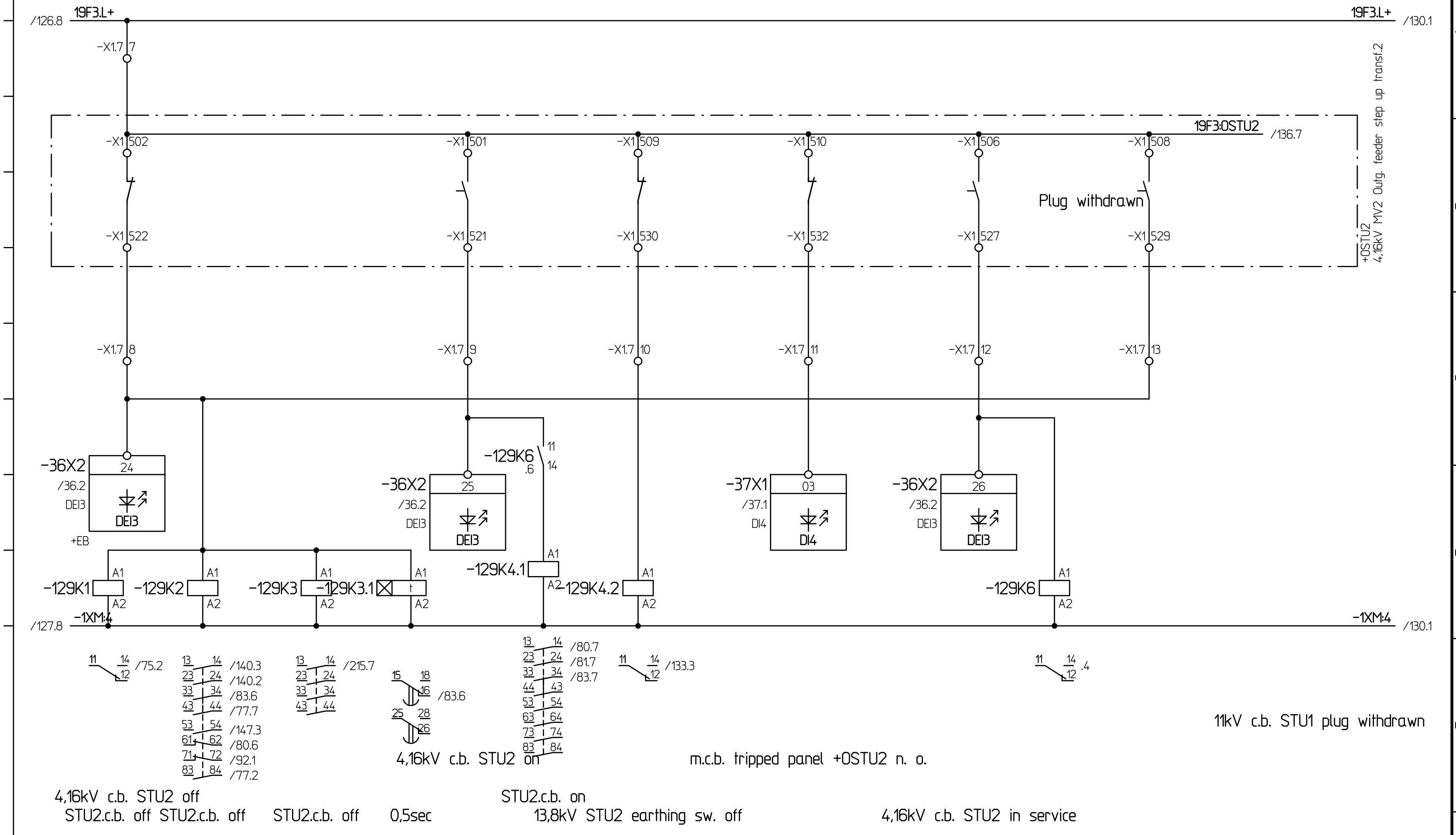
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730 / 43730	page 128 / 215 BL
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			



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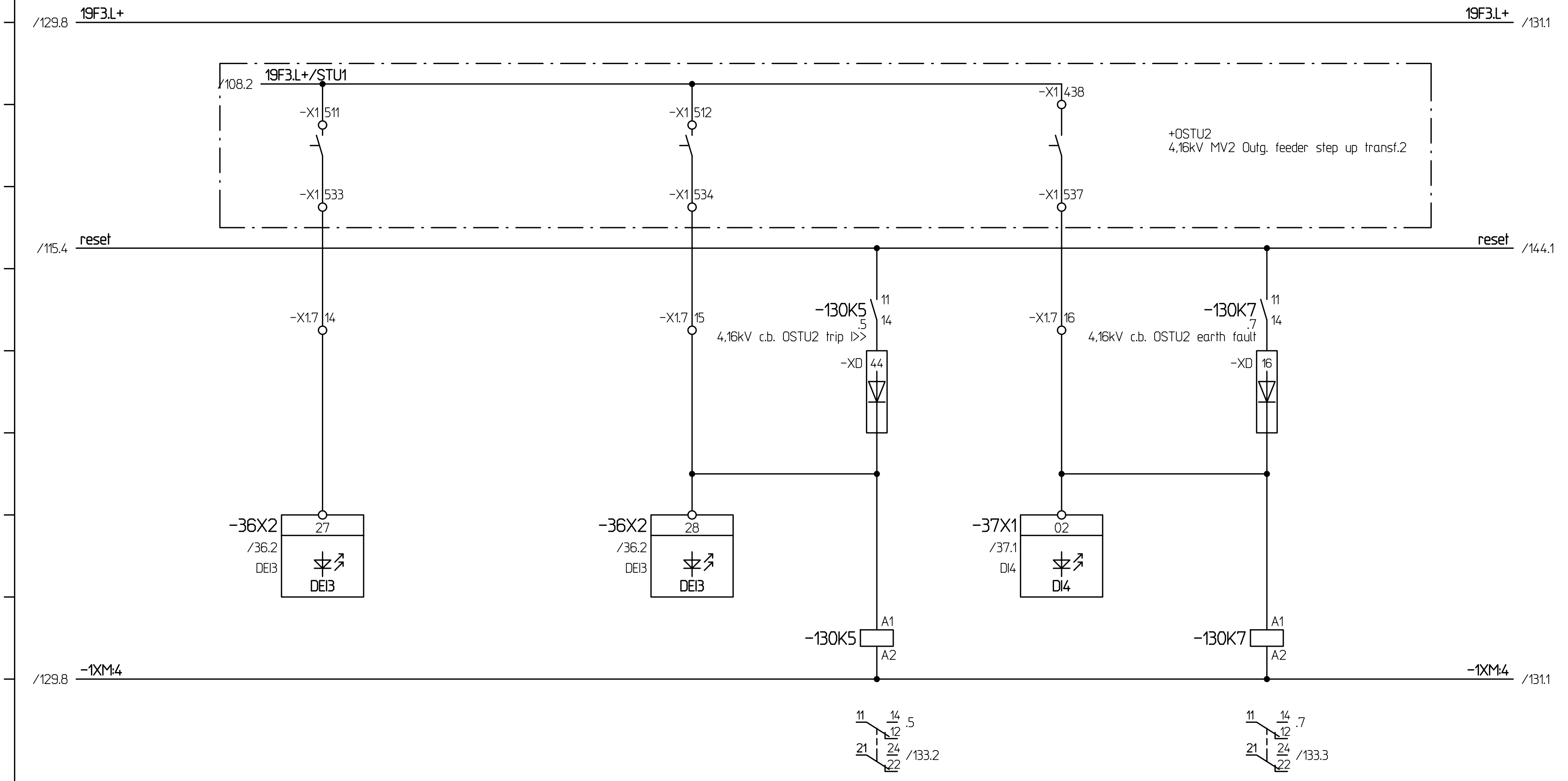
Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. step up transf.2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05		43730 / 43730	page 129 / 215 BL



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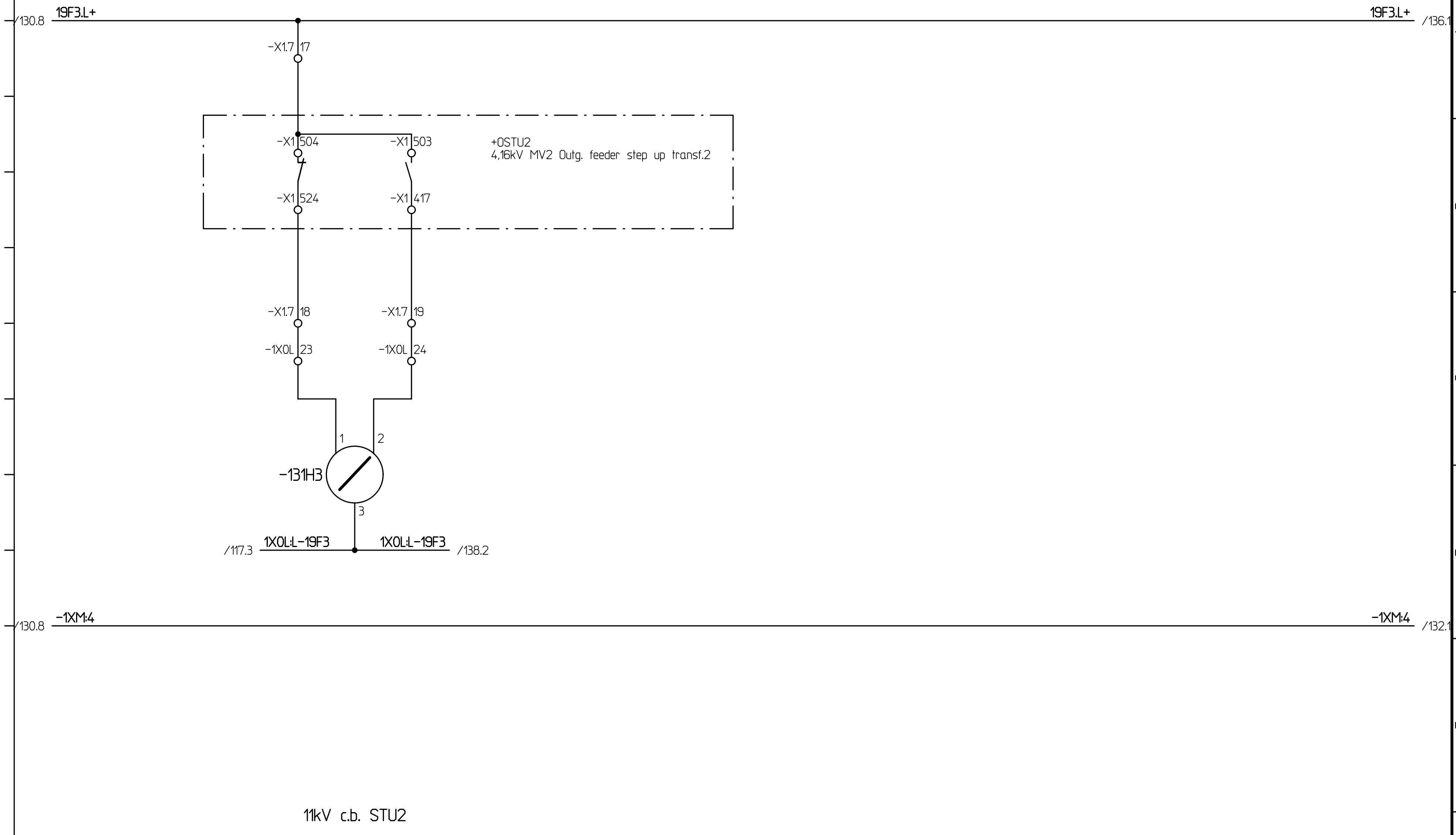
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16 kV c. b. step up transf.2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730 page 130
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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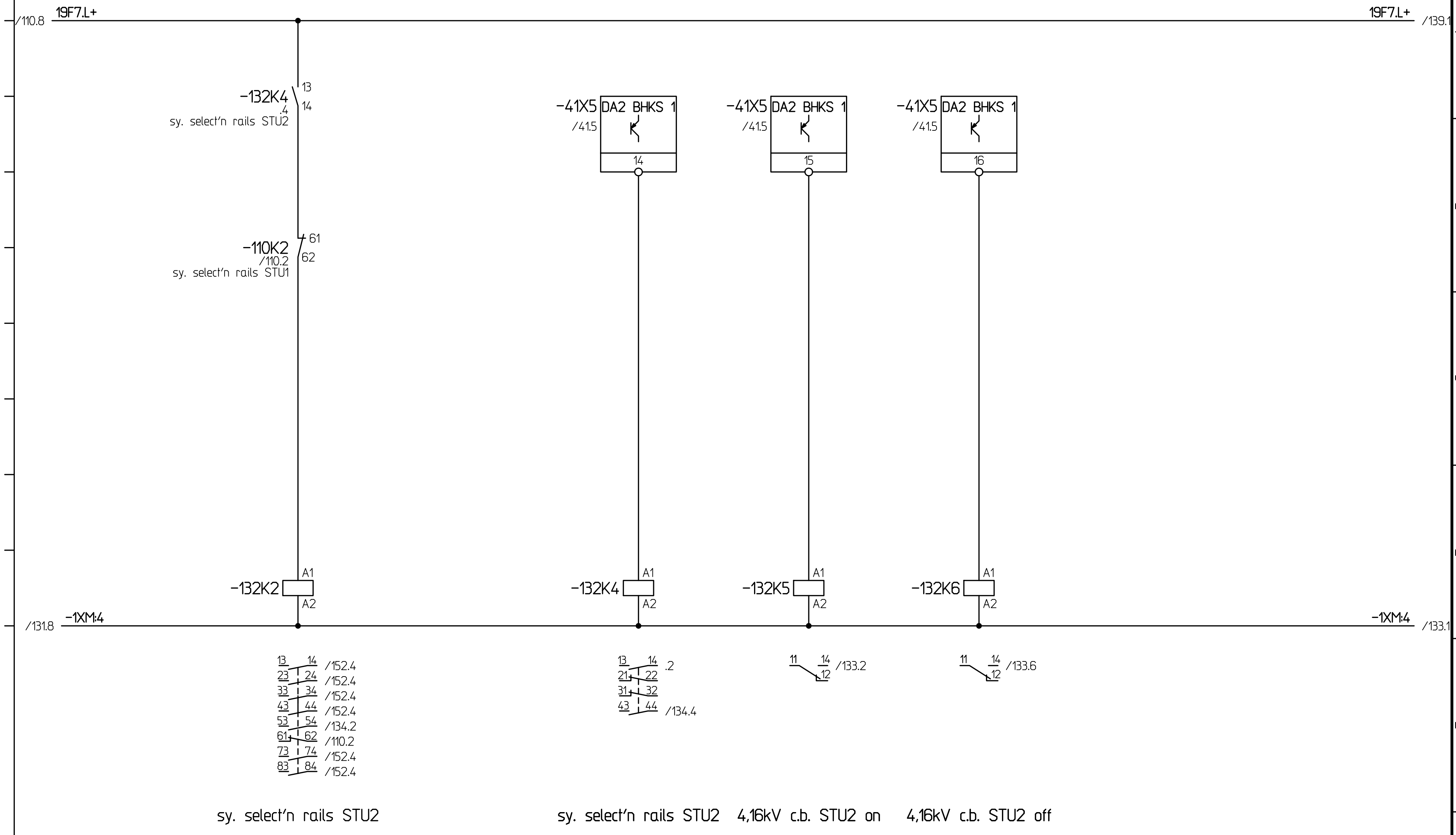
Bildbeschreibung
IMAGE DESCRIPTION

Indication 4,16kV c.b. step up tr.2 ext.

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 131 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step up transf. 2 c. b. control

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 29.06.05

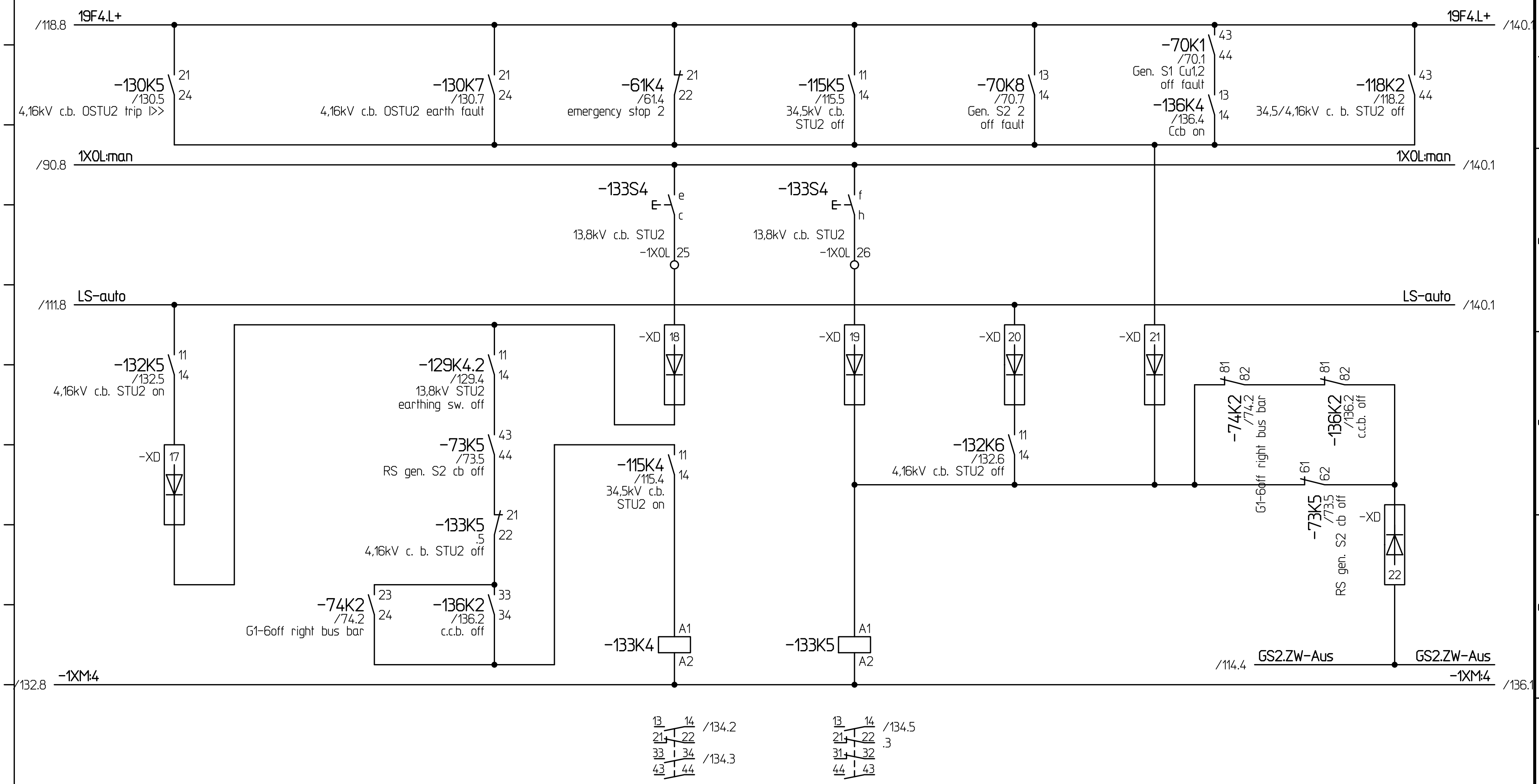
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



4,16kV c. b. STU2 on 4,16kV c. b. STU2 off

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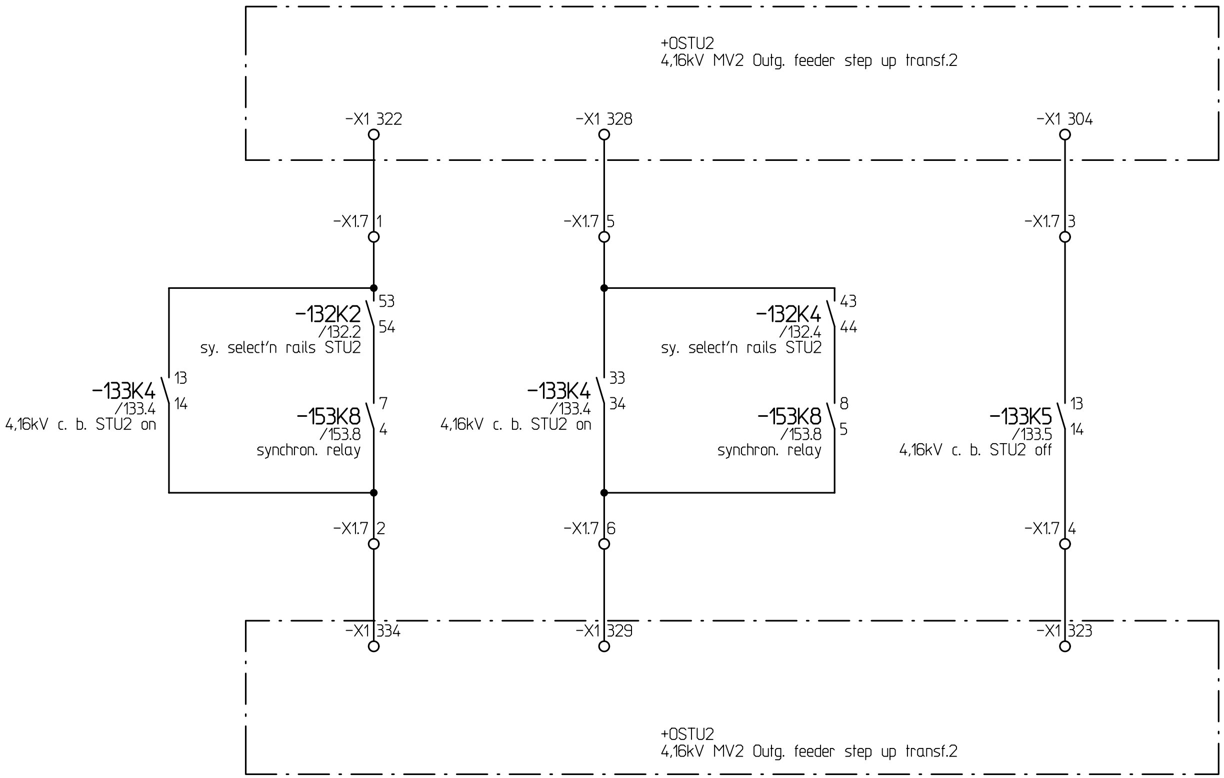
Bildbeschreibung IMAGE DESCRIPTION 4,16kV step up transf. 2 c. b. control

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / =DPP +CCP
Desig.	A. Stellmann				
Check	A. Stellmann				
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730 / 43730

Index | changing | Date | name



11kV OSTU2 c. b. on

11kV OSTU2 c. b. off

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Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 2 c. b. control

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 134 / 215 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 135
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

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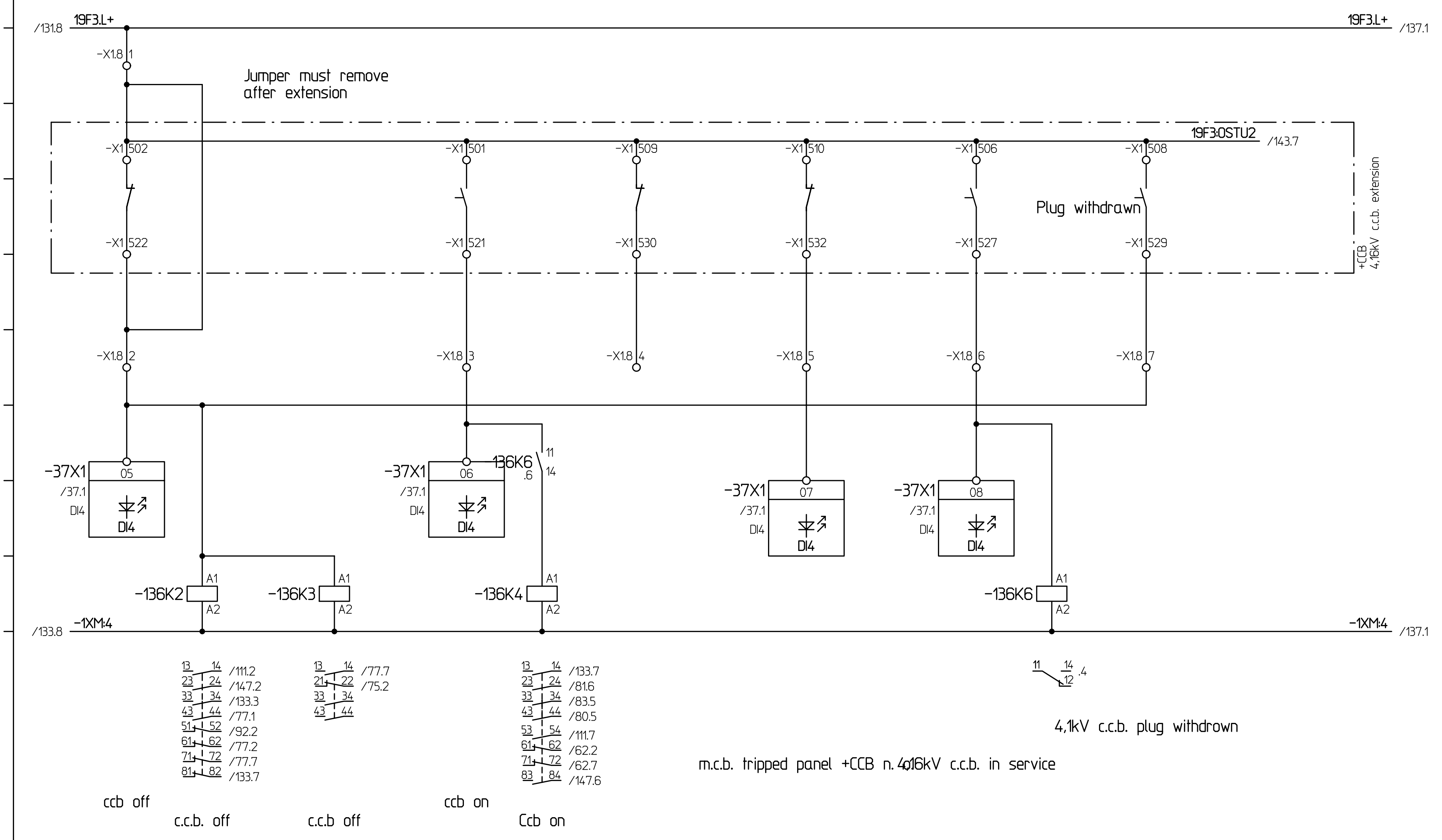

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Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c.c.b. extension

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		

Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 137
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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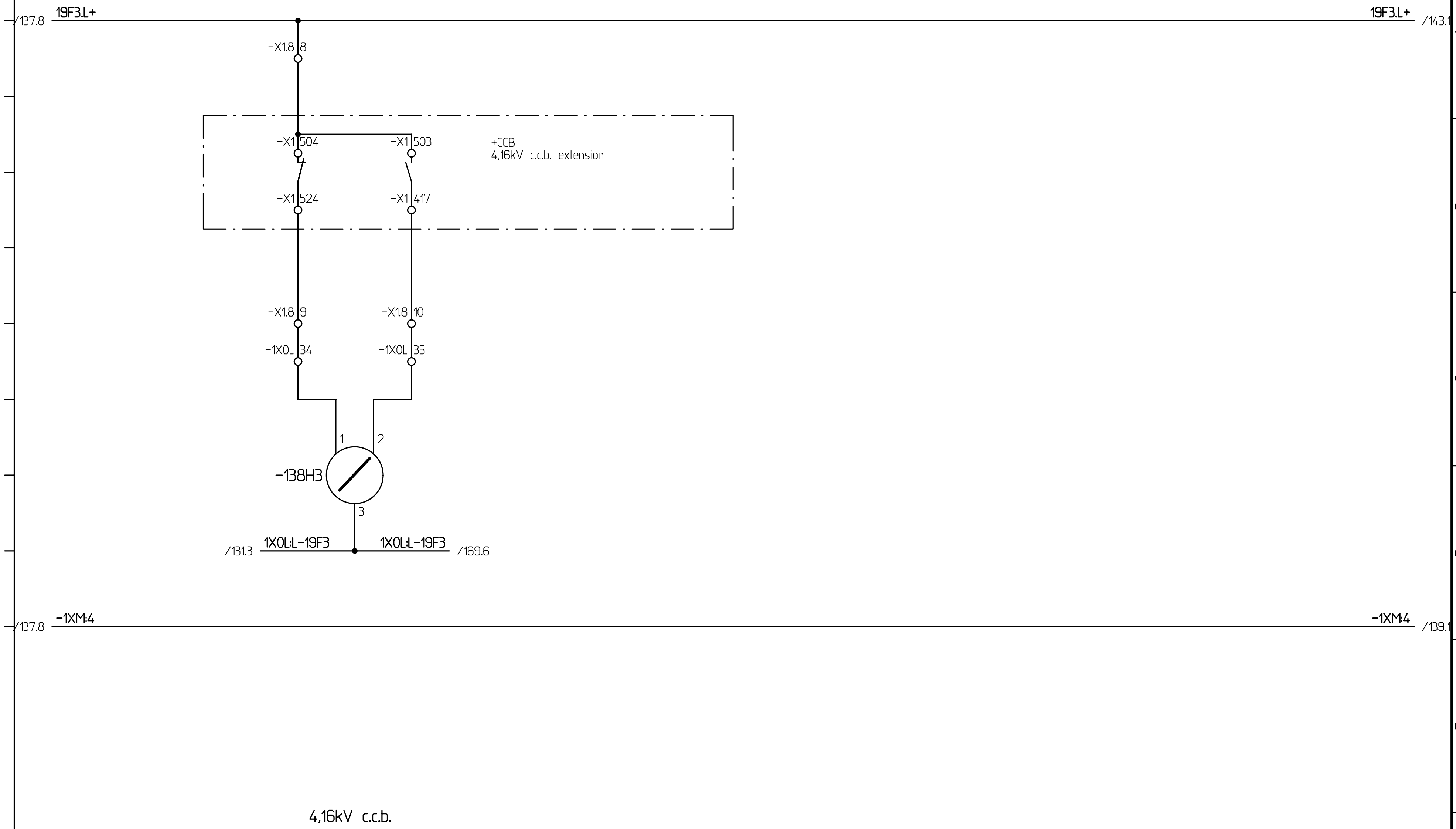

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Bildbeschreibung
IMAGE DESCRIPTION

Indication 4,16kV c.c.b. ext.

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 138 215 BL

/132.8 19F7.L+ — 19F7.L+ /146.1

/138.8 -1XM:4 — -1XM:4 /140.1

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name						
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 139 / 215 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

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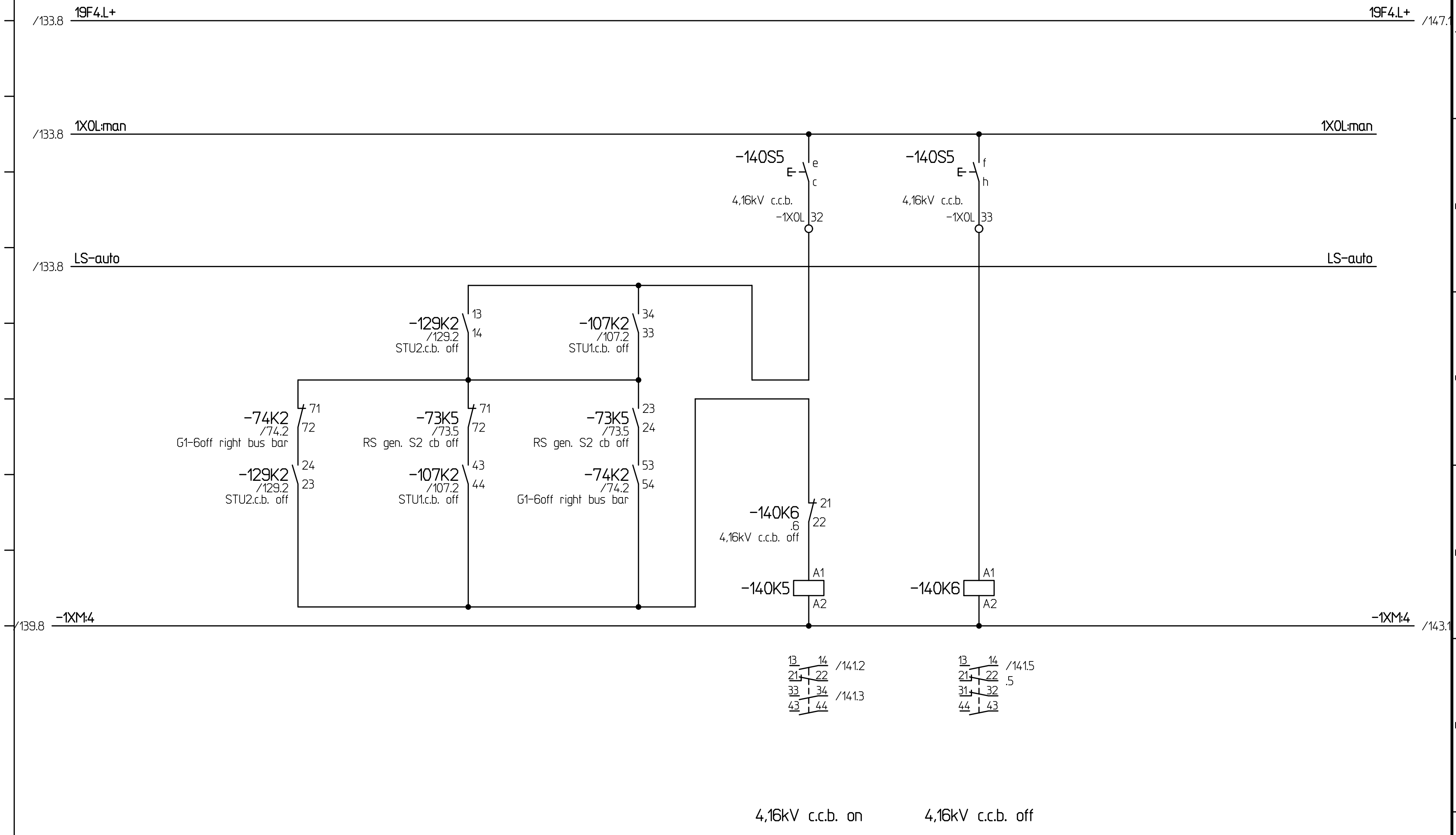

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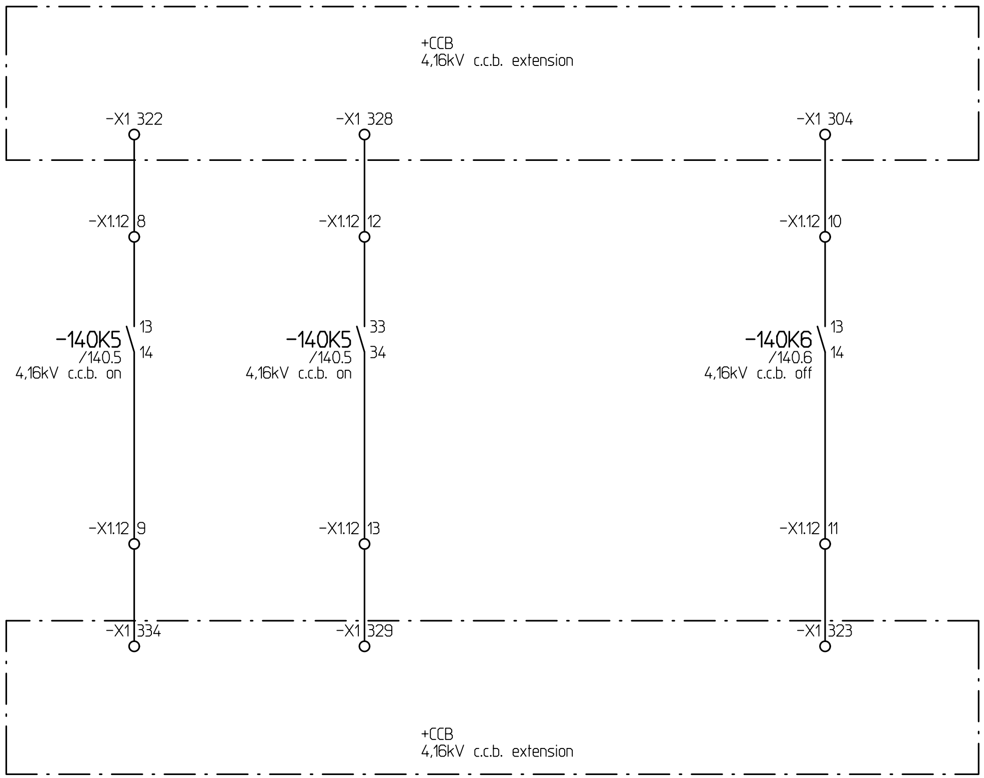
Bildbeschreibung / IMAGE DESCRIPTION: 4,16kV c.c.b. control ext.

Date	01.02.05	Elektrim-MEGADEX
Desig.	A. Stellmann	Monde Energy Philippines
Check	A. Stellmann	KUHSE
Norm	33	Ersd. 29.06.05

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501 — 43730 — 43730

=DPP +CCP



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Bildbeschreibung
IMAGE DESCRIPTION 4,16kV c.c.b. control ext.

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 =DPP +CCP
Desig.	A. Stellmann				
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ersf.	Ers.d. 29.06.05		page 141 / 215 BL

Index | changing | Date | name

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 142 / 215 BL

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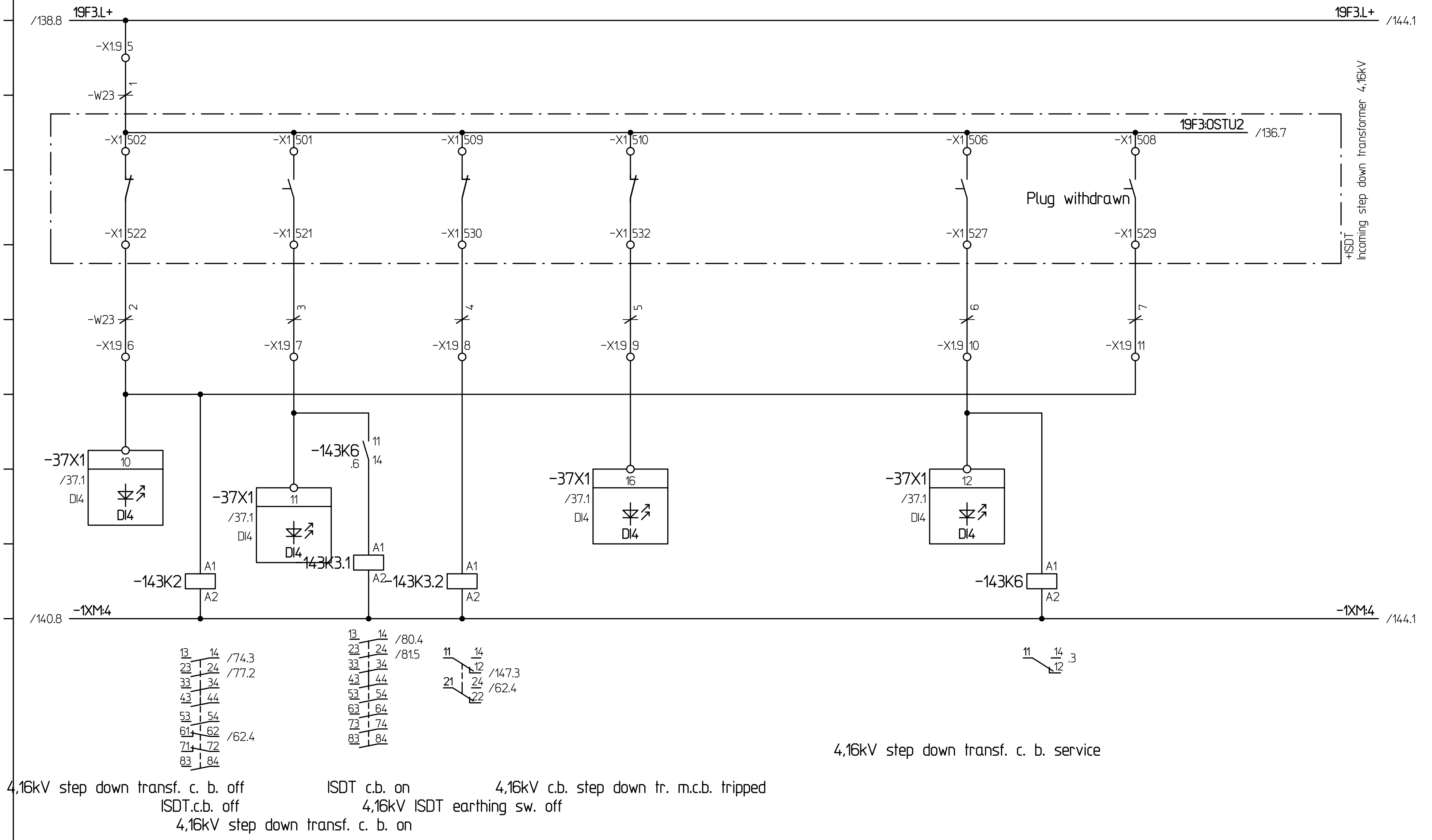

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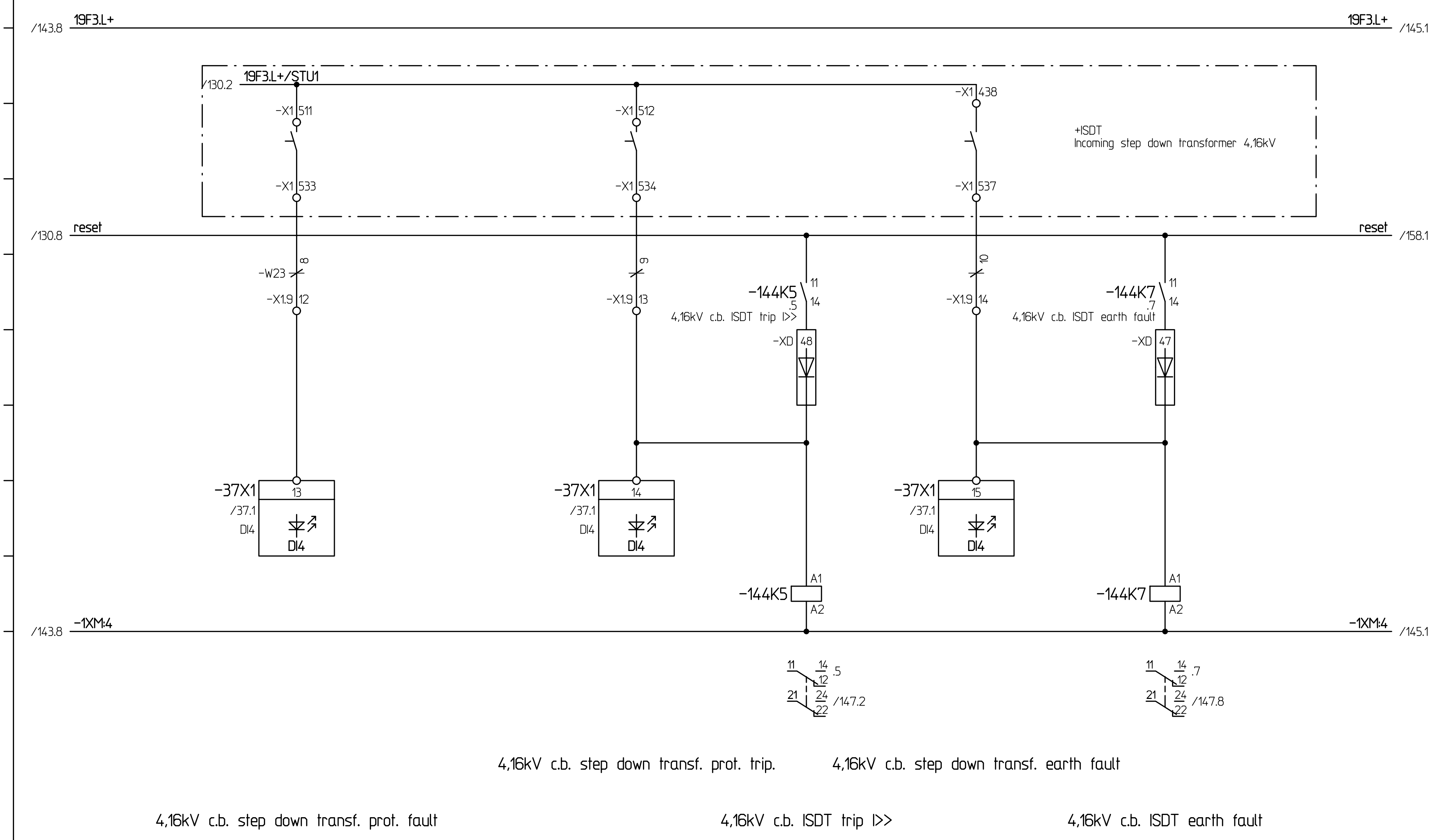
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. step down transf.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 143 / 215 BL



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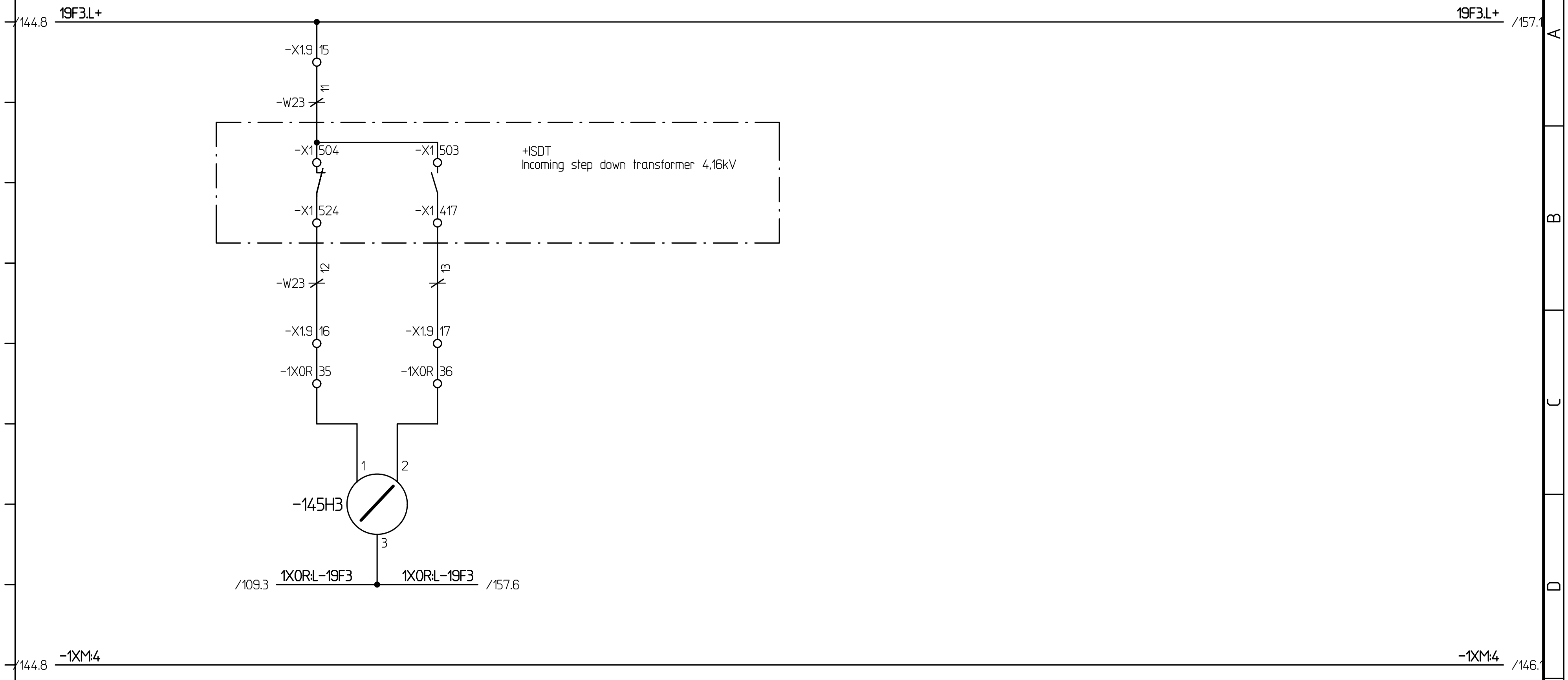
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. step down transf.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			page 144 / 215 BL



4,16kV c.b. step down transf.

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Bildbeschreibung IMAGE DESCRIPTION	Indication 4,16kV c.b. step down transf.									
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 145
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

/139.8 19F7.L+ — 19F7.L+ /151.1

/145.8 -1XM:4 — -1XM:4 /147.1

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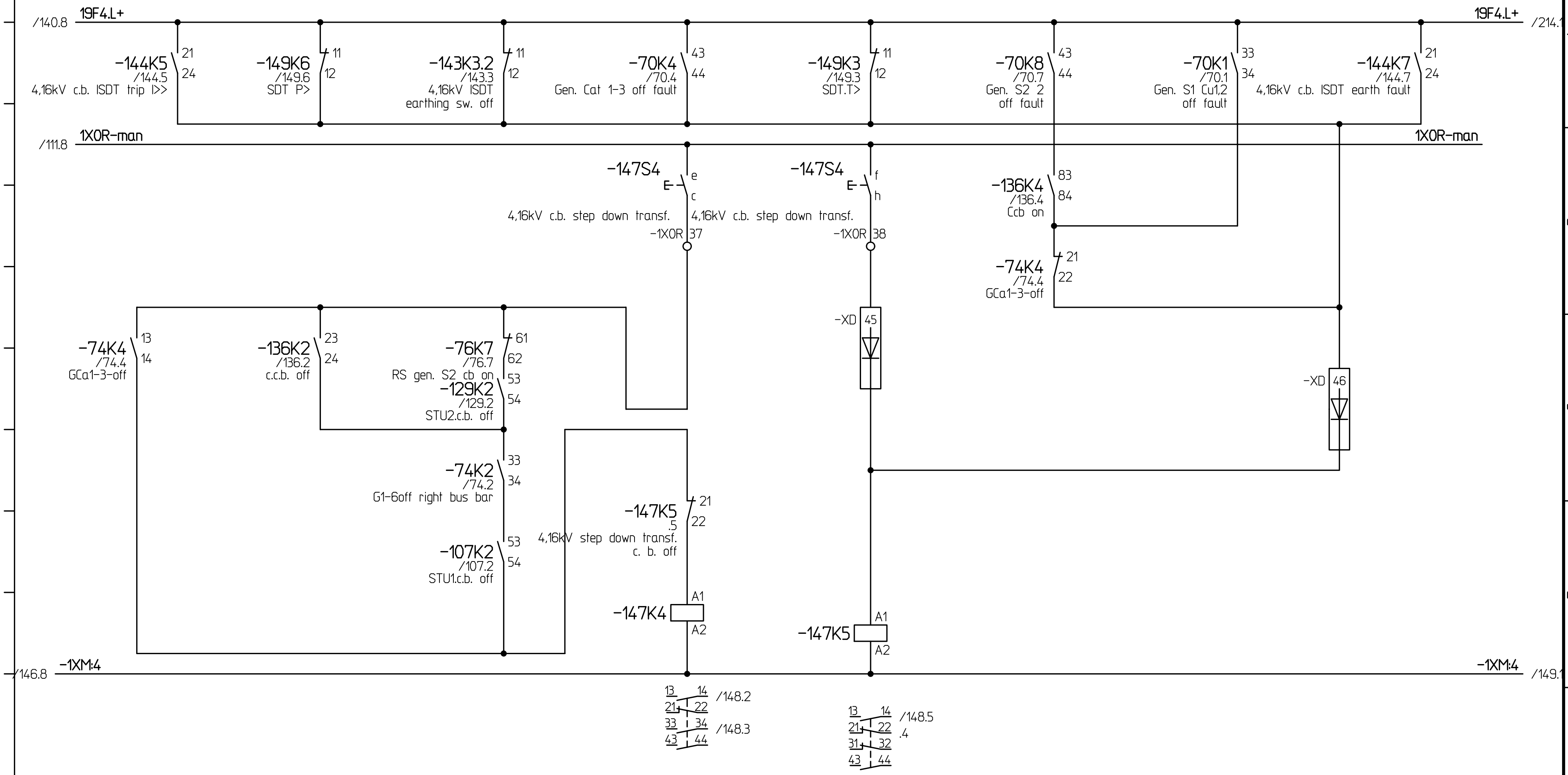
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 146
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



4,16kV step down transf. c. b. on

4,16kV step down transf. c. b. off

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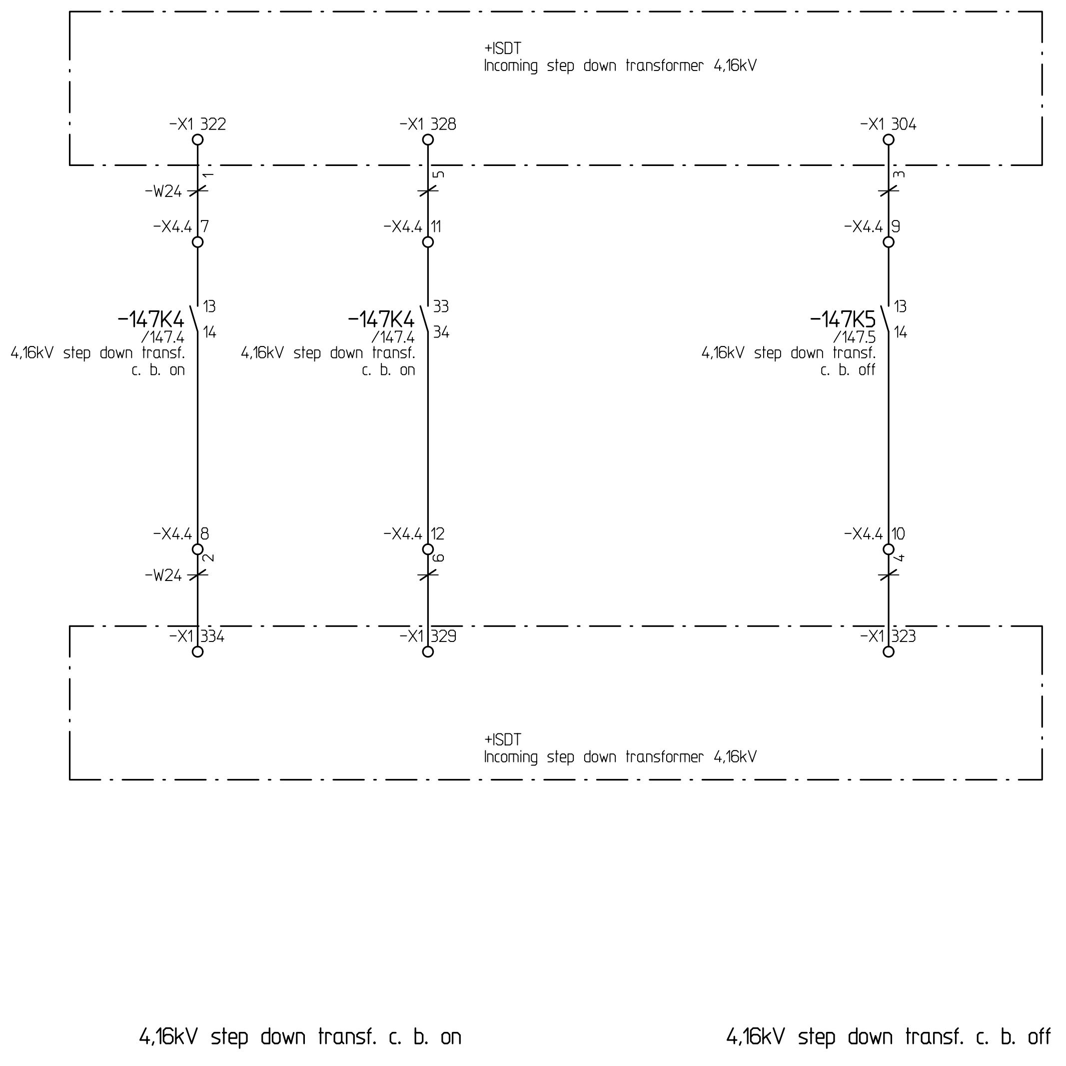
Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step down transf. c. b. control

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 147 215 BL



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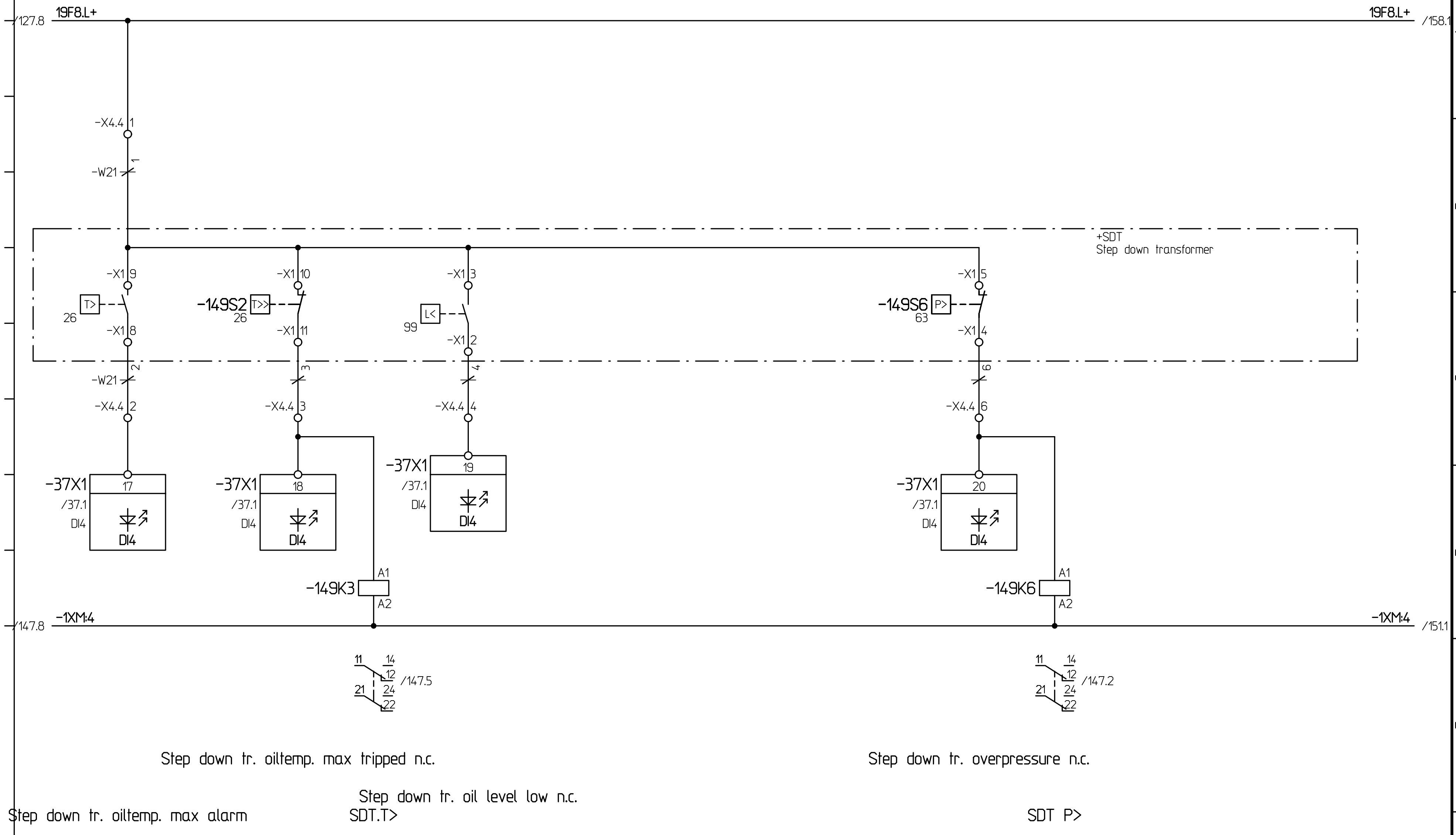
Bildbeschreibung
IMAGE DESCRIPTION
4,16kV step down transf. c. b. control

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / =DPP +CCP
Desig.	A. Stellmann				
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 148 / 215 BL

Index | changing | Date | name



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Bildbeschreibung IMAGE DESCRIPTION: Signals from step down transformer

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730 / 43730	page 149
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 150
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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Bildbeschreibung IMAGE DESCRIPTION: control synchronizing device

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 29.06.05

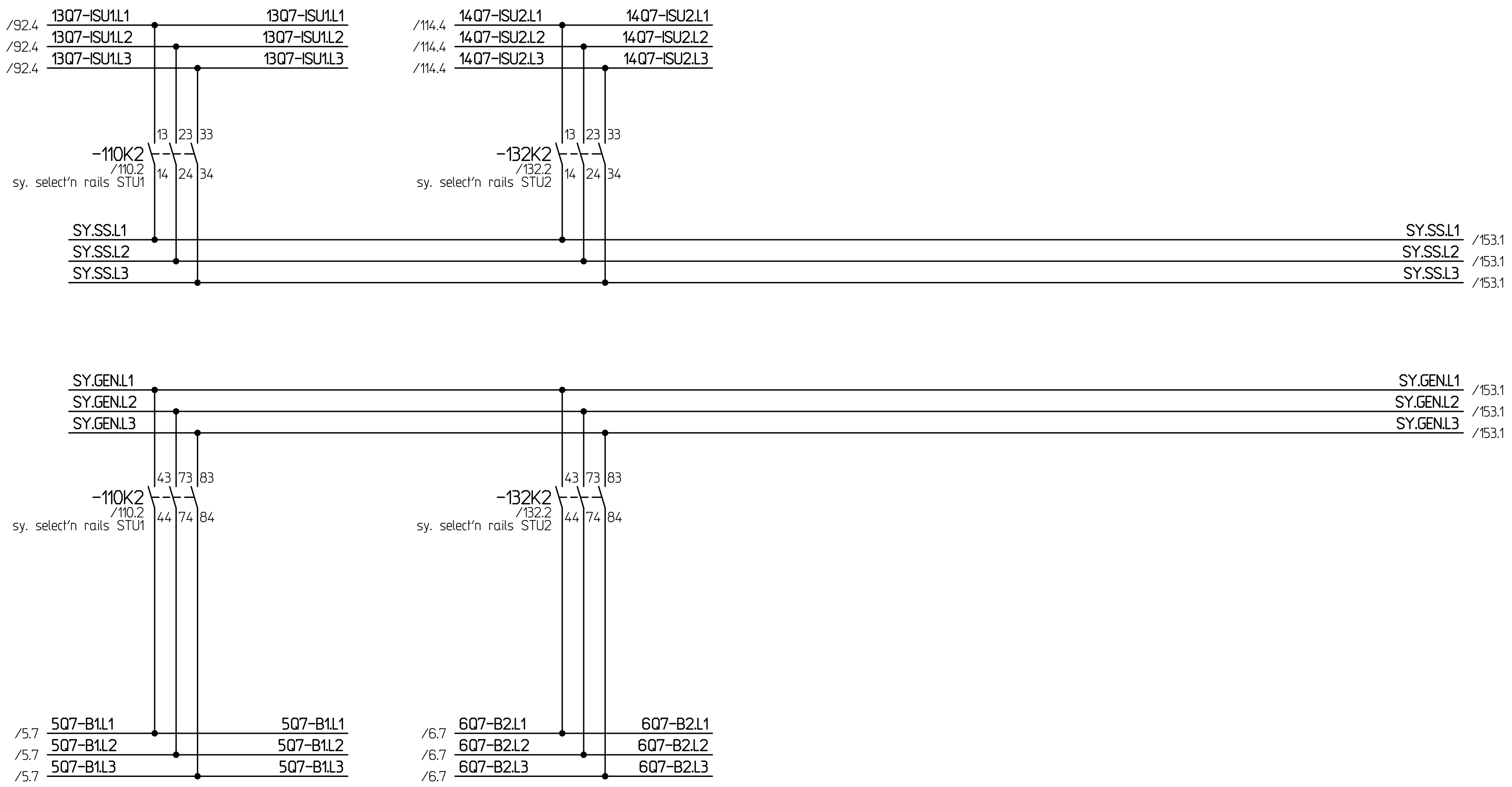
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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Bildbeschreibung
IMAGE DESCRIPTION

selection voltage synchron. STU1-2

				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
Index	changing	Date	name	Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f.

KUHSE

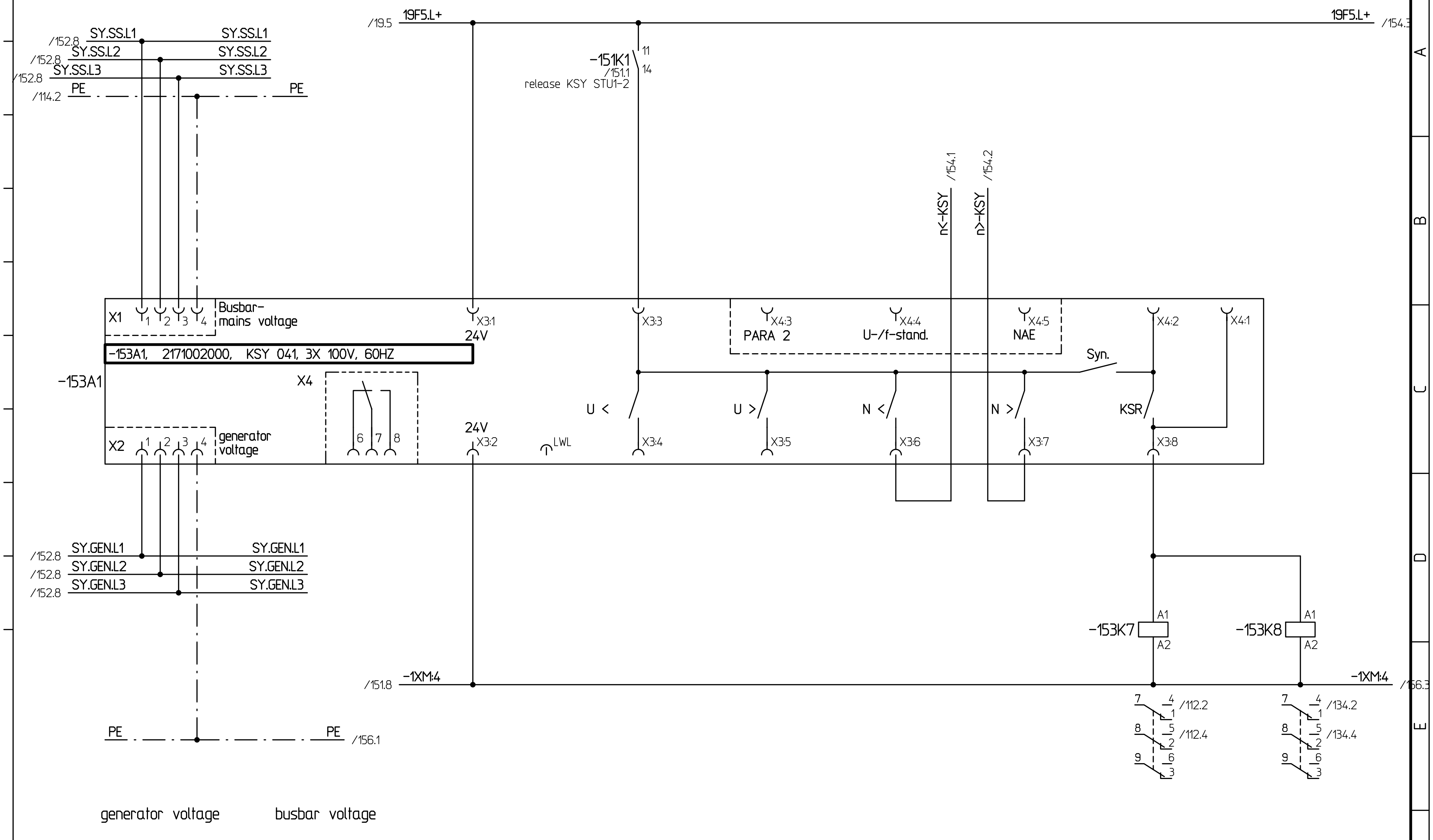
Ers.d. 29.06.05

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

Synchonising unit KSY 041 STU1-2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 153
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL

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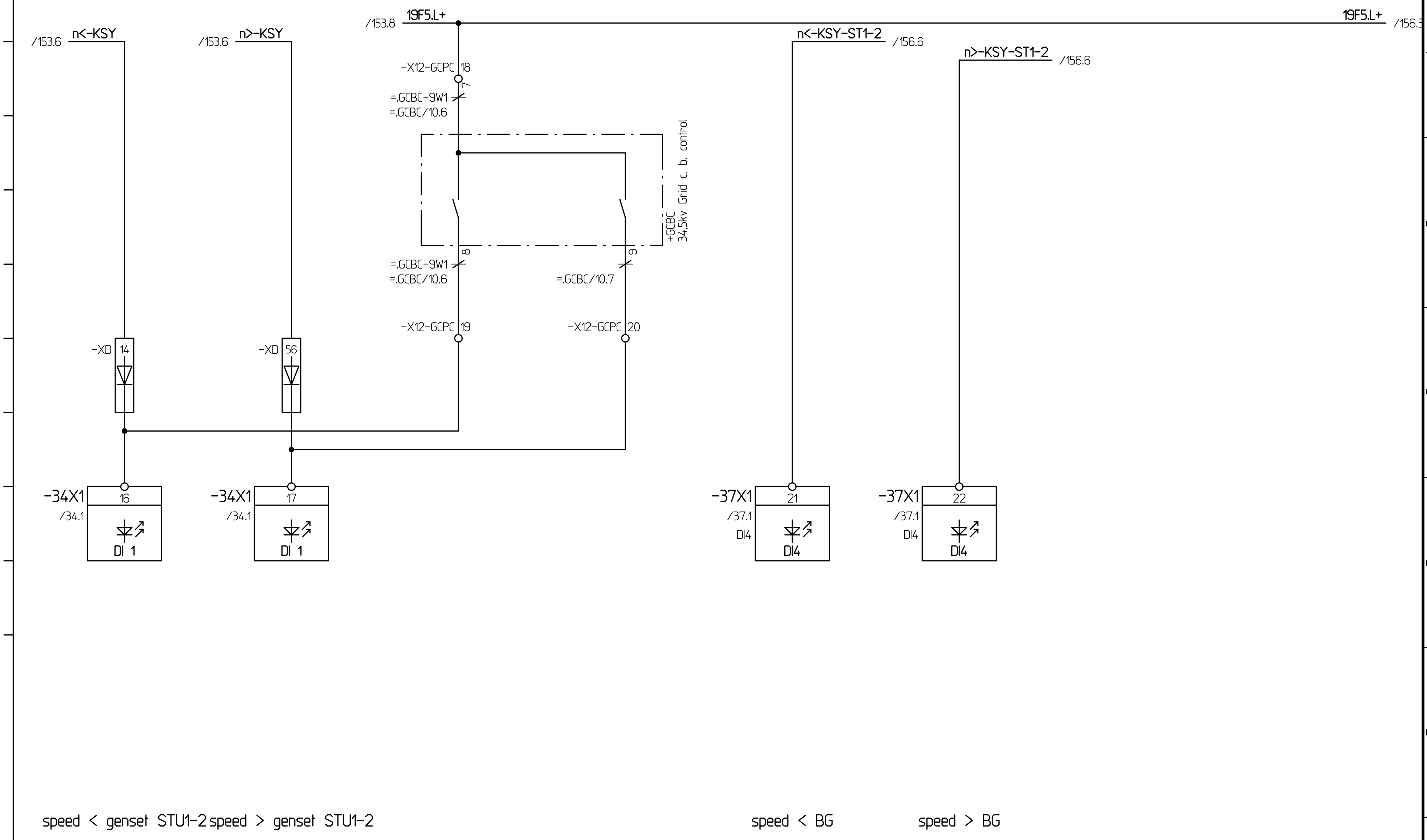

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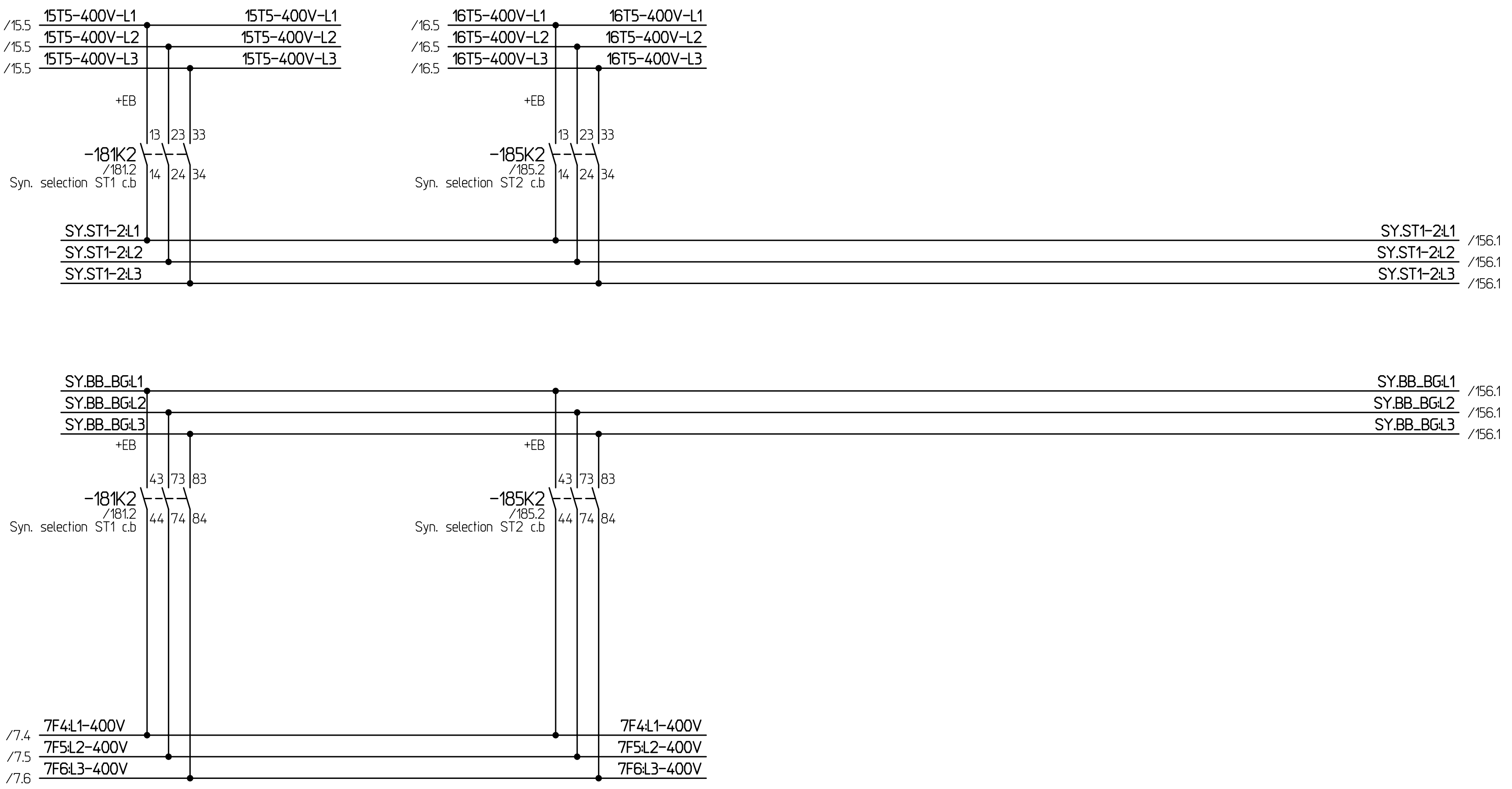
Bildbeschreibung
IMAGE DESCRIPTION

Synchonising pulse

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			page 154 215 BL



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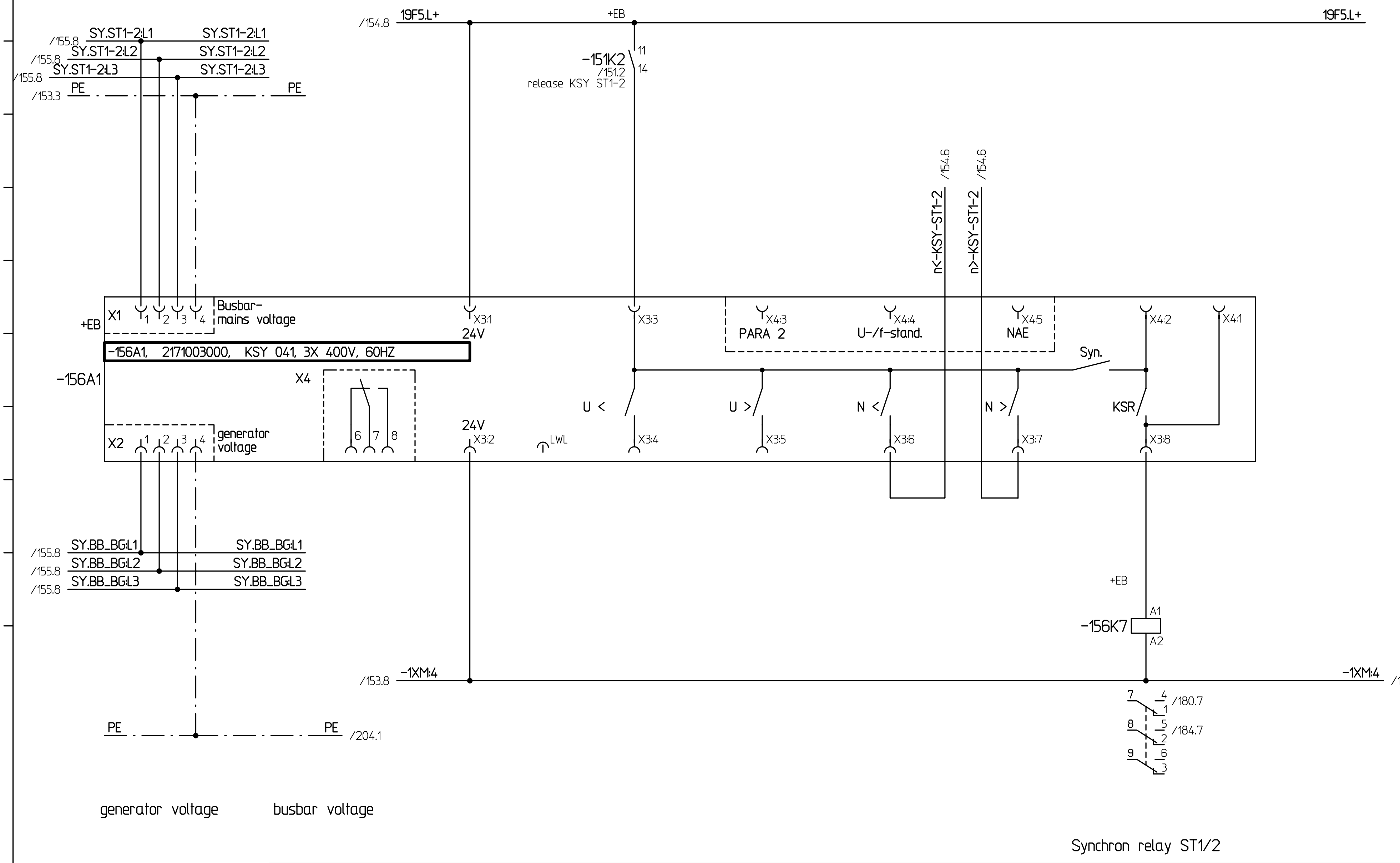
Bildbeschreibung
IMAGE DESCRIPTION

Selection syn. voltage ST1-2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 155
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL



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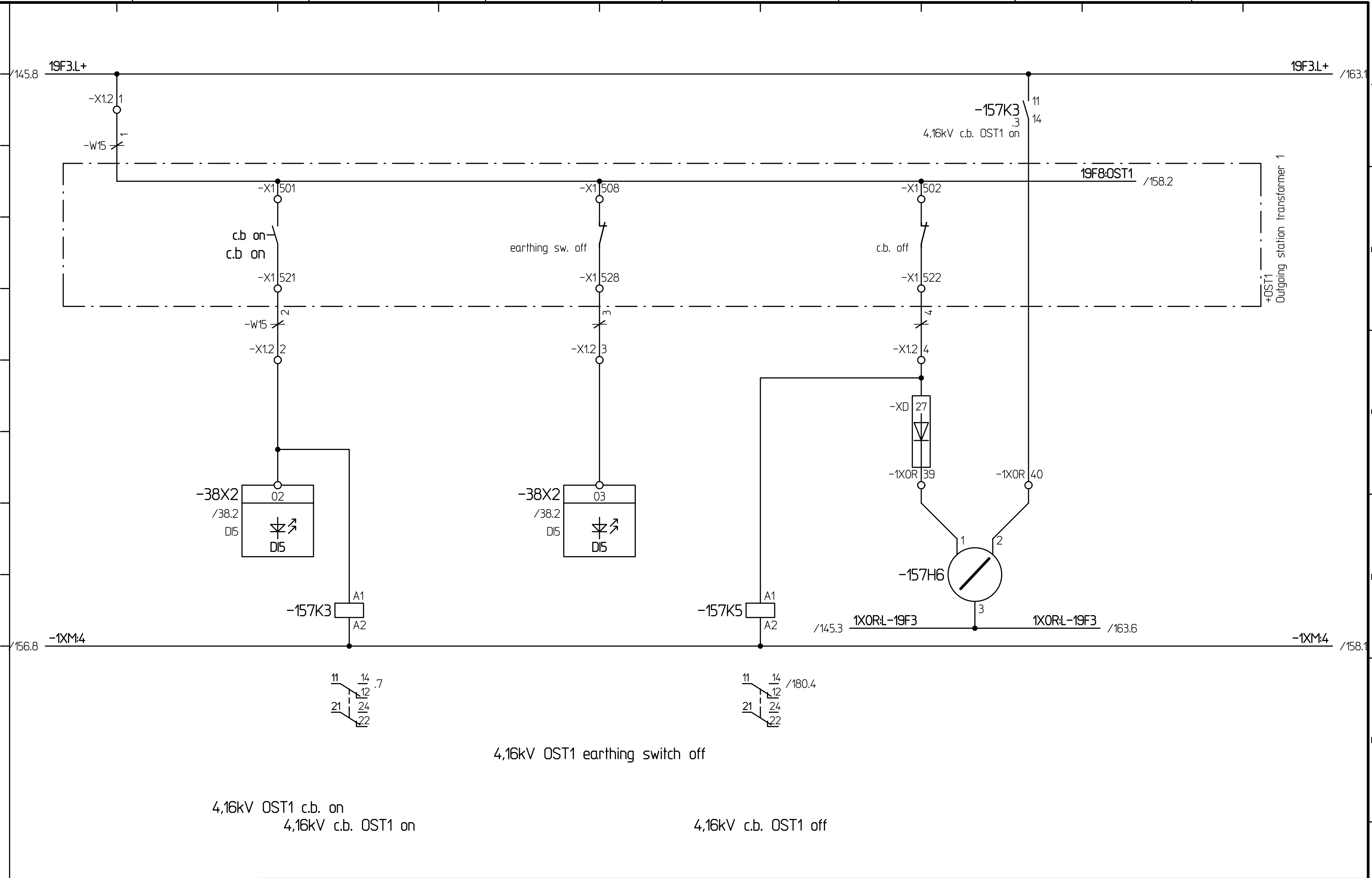
Bildbeschreibung
IMAGE DESCRIPTION

Synchronising unit KSY11 for ST1-2

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	page 156 / 215 BL



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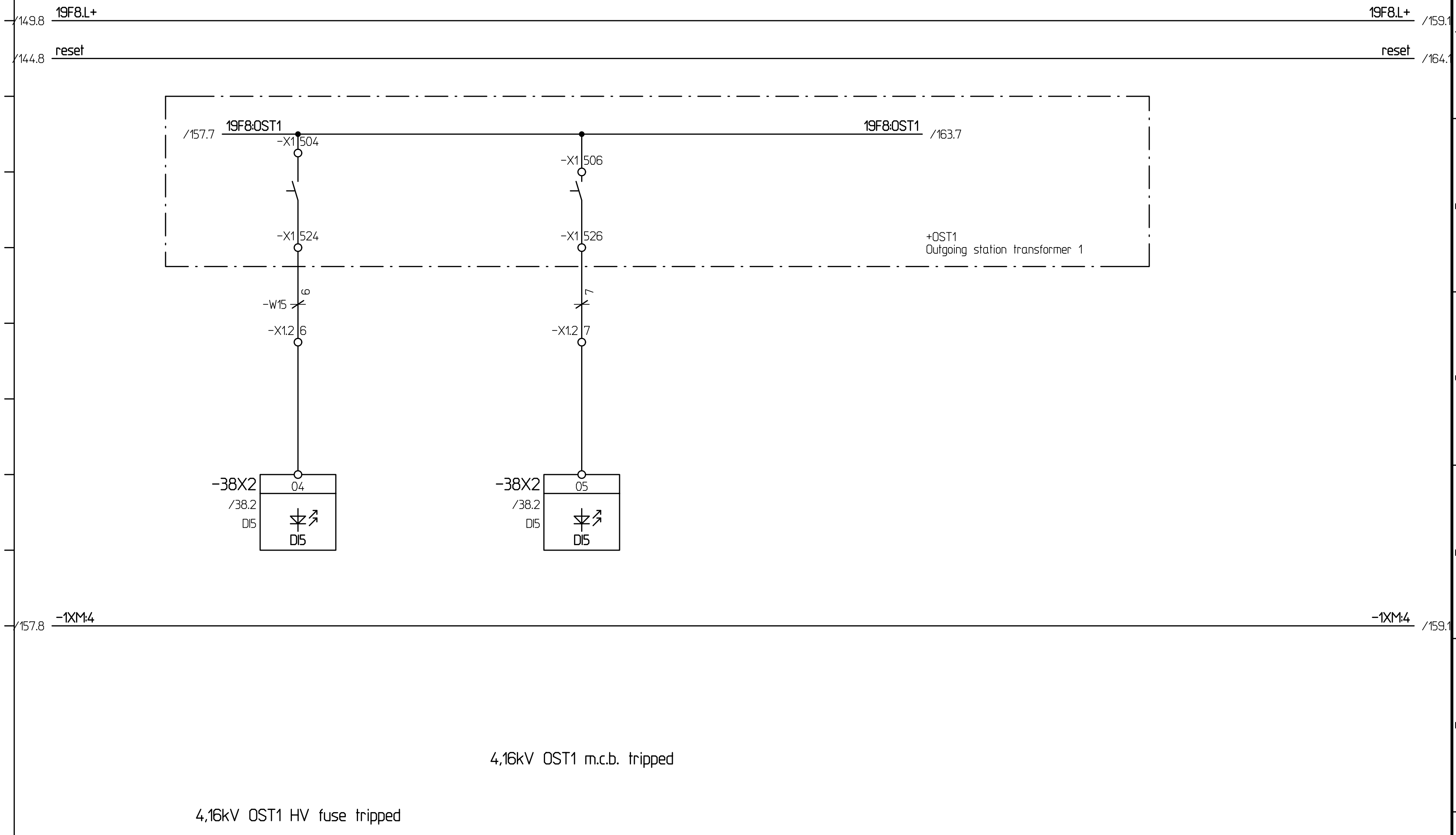
Bildbeschreibung IMAGE DESCRIPTION: Signals from +OST1 outg. st. tr. 1 c.b. MV- station transformer 1 c. b.

Index	changing	Date	name							
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 157 / 215 BL



Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST1 outg. st. tr. 1 c.b.

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 158 / 215 BL

Index | changing | Date | name

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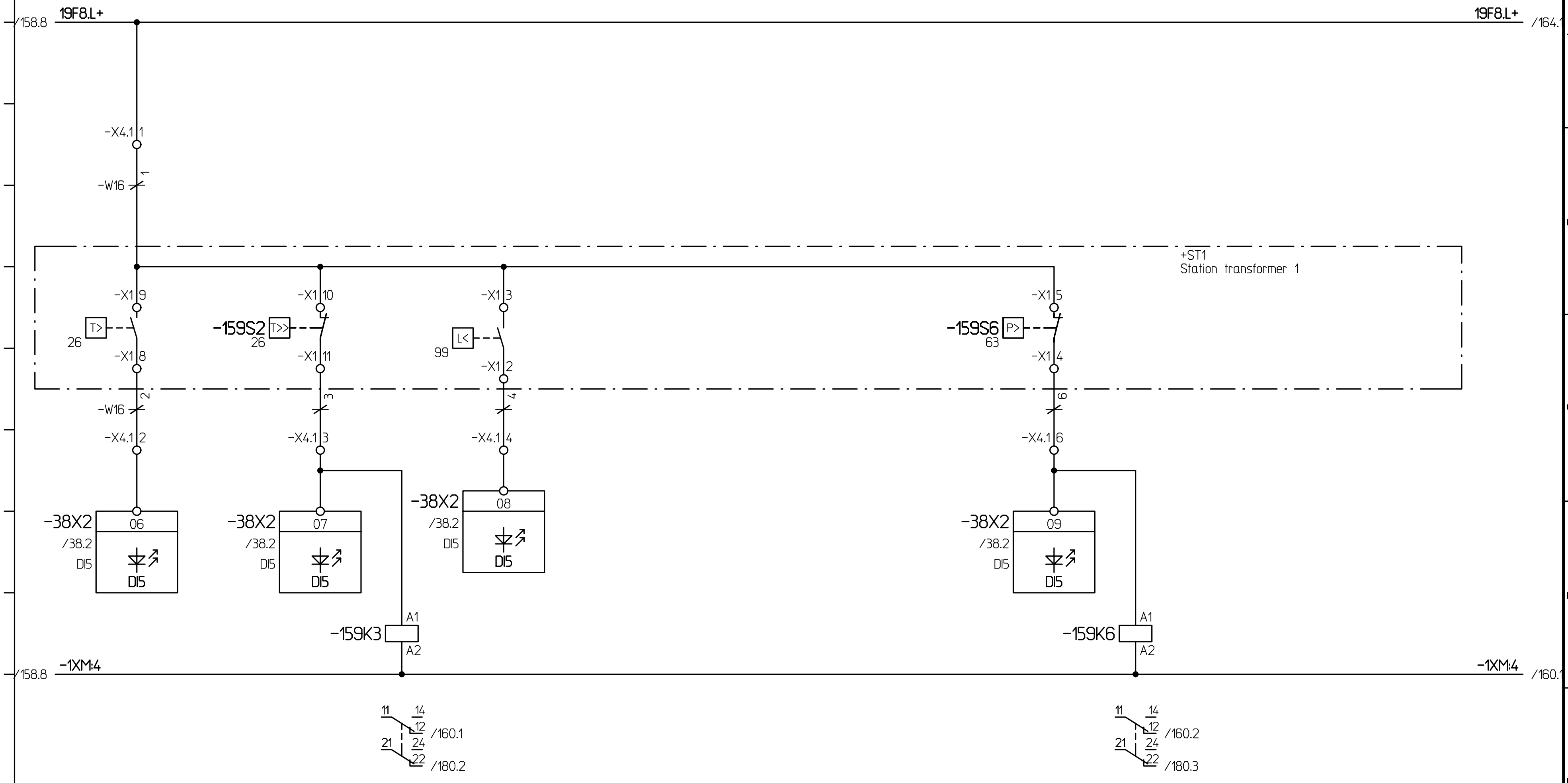

Station tr. 1 oiltemp. max tripped n.c.

Station tr. 1 overpressure n.c.

Station tr. 1 oil level low n.c.

Station tr. 1 oiltemp. max alarm

St.1T>

Station tr. 1 P>

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Bildbeschreibung IMAGE DESCRIPTION: Signals from station transformer 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 159
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL

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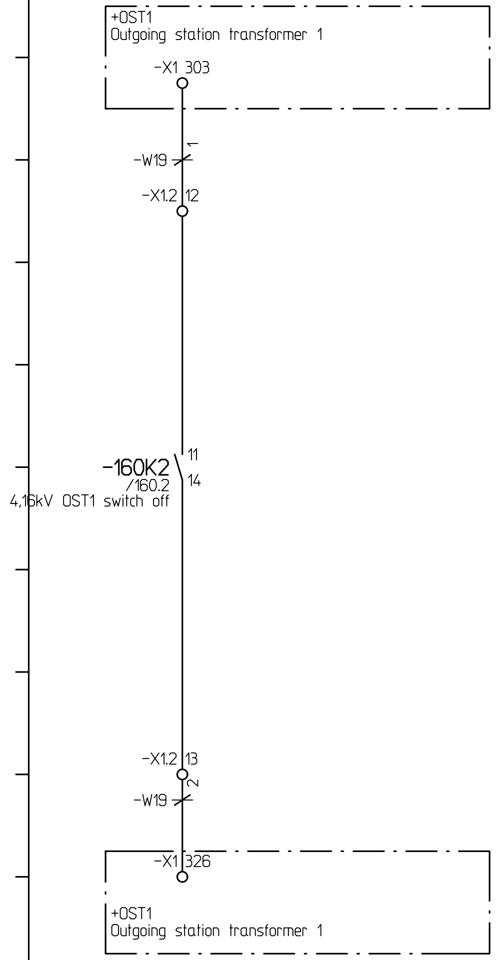
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel
				Desig.	A. Stellmann			
				Check	A. Stellmann			
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05	

4500005501		=DPP +CCP
43730	43730	page 160 215 BL



C.b. closing inhibit

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Bildbeschreibung
IMAGE DESCRIPTION
Control 4,16kV c. b. station tr. 1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 161
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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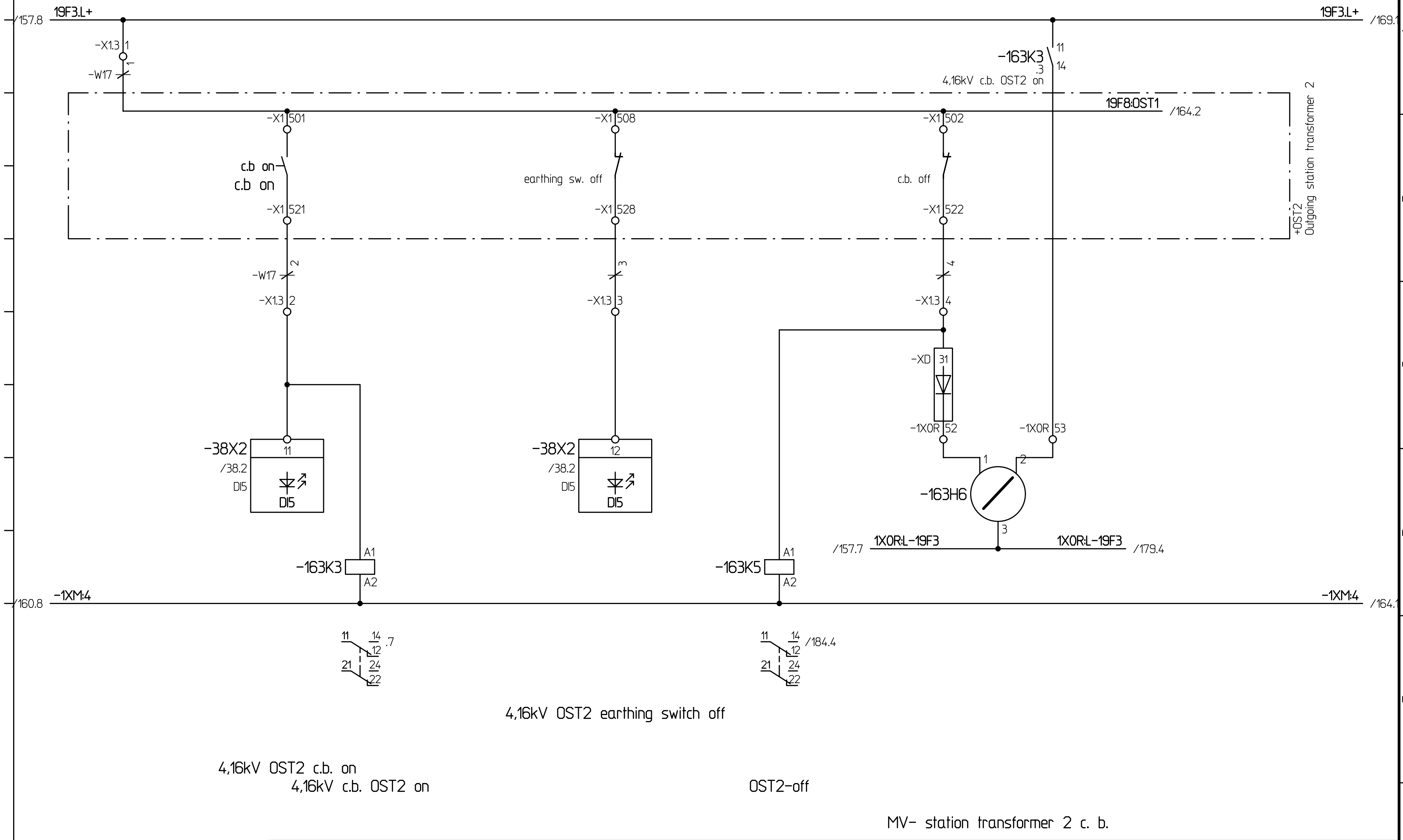
Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name								
				Date	01.02.05	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC		+CCP
				Check	A. Stellmann				Common Control Panel	43730	43730
				Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			



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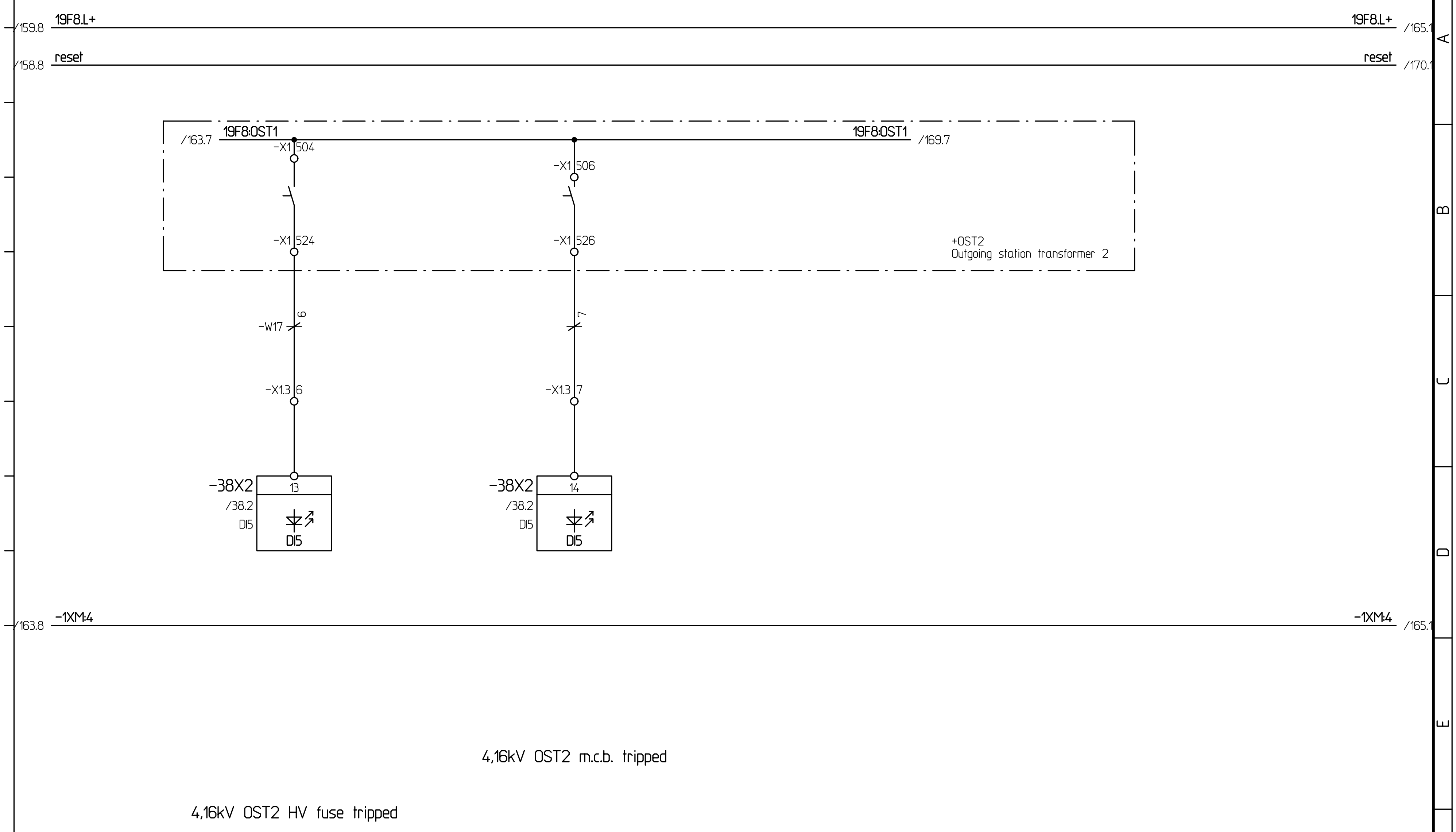
Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST2 outg. st. tr. 2 c.b.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730 / 43730	page 163
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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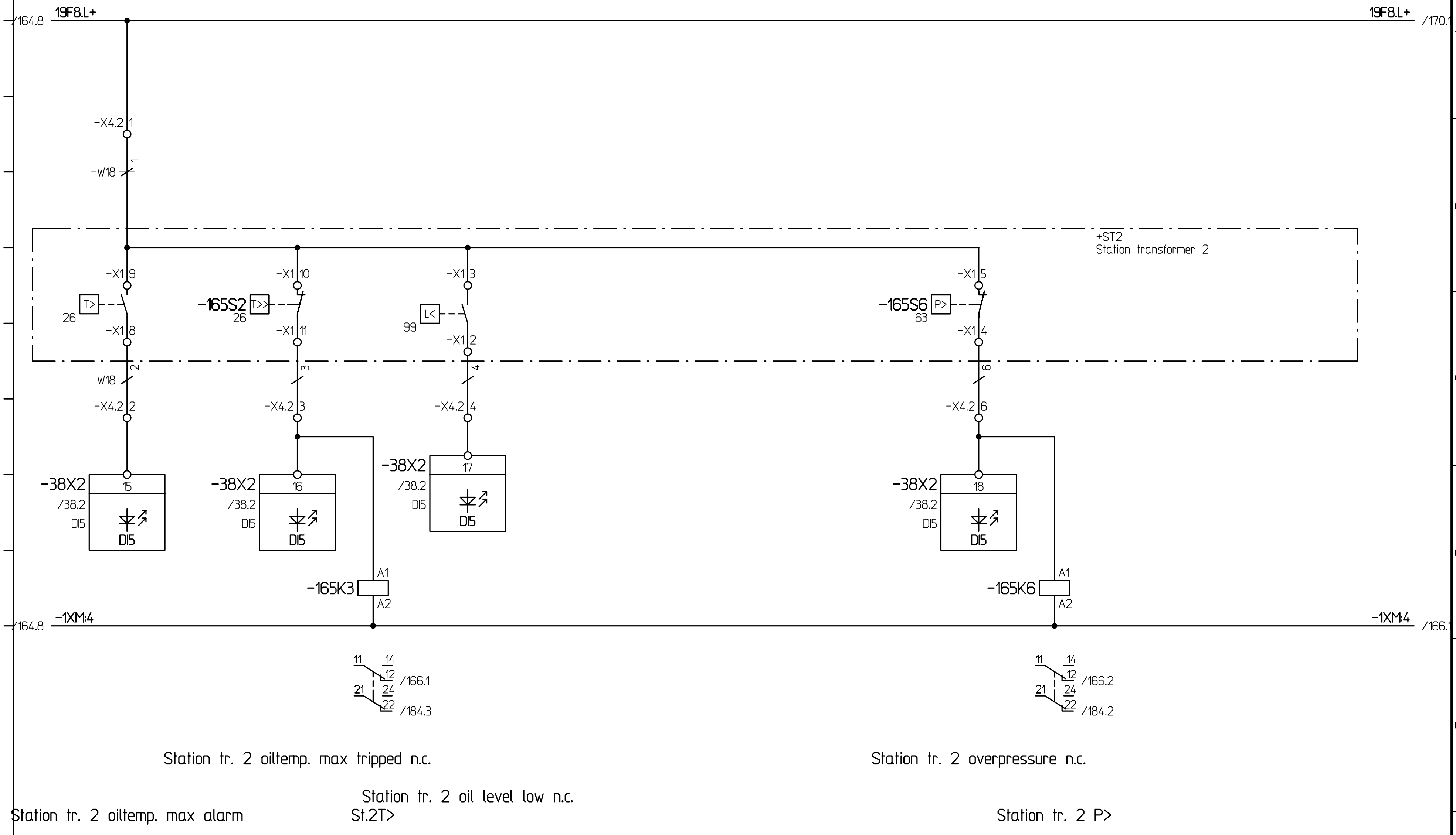
Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST2 outg. st. tr. 2 c.b.

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / =DPP / +CCP
Desig.	A. Stellmann				
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 164 / 215 BL
Index / changing / Date / name					



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Bildbeschreibung IMAGE DESCRIPTION: Signals from station transformer 2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 165 / 215 BL

Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

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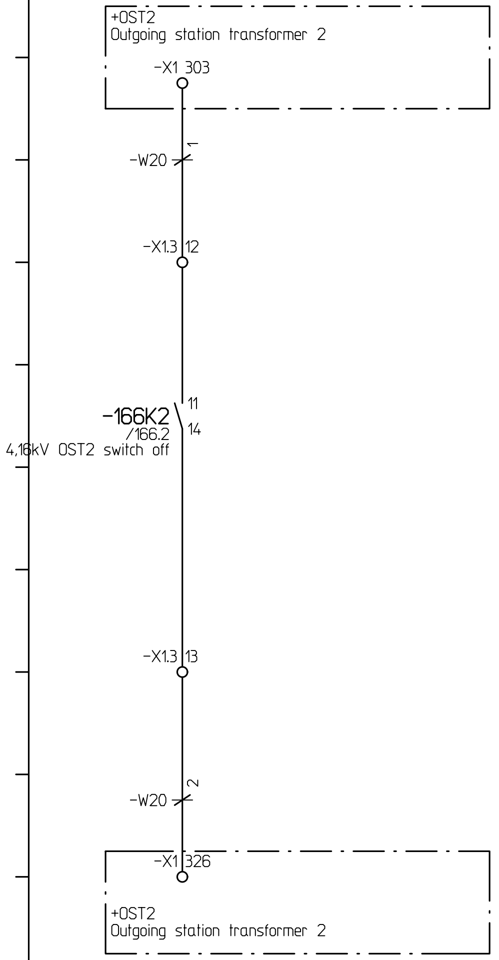

C.b. closing inhibit

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Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 167 / 215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

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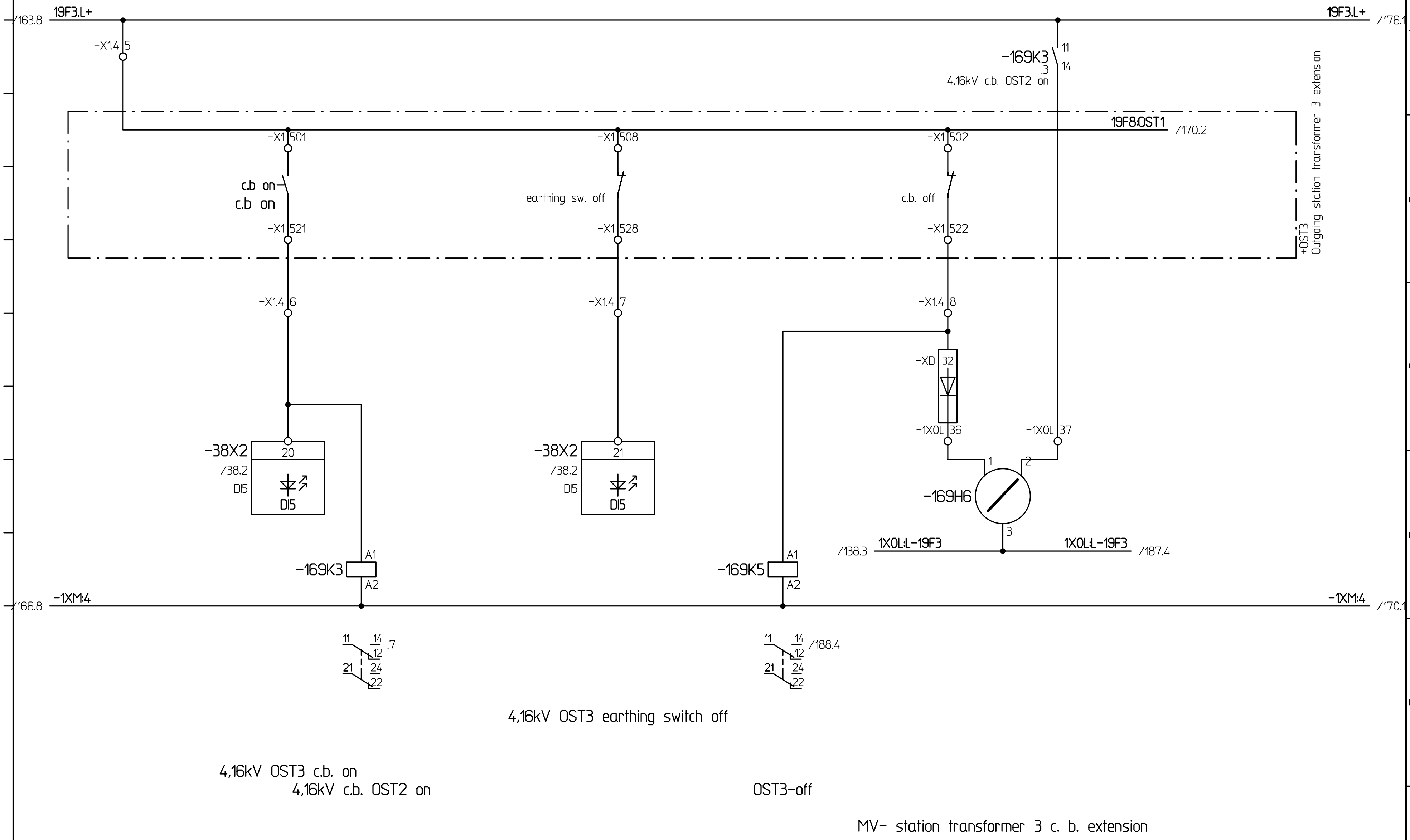

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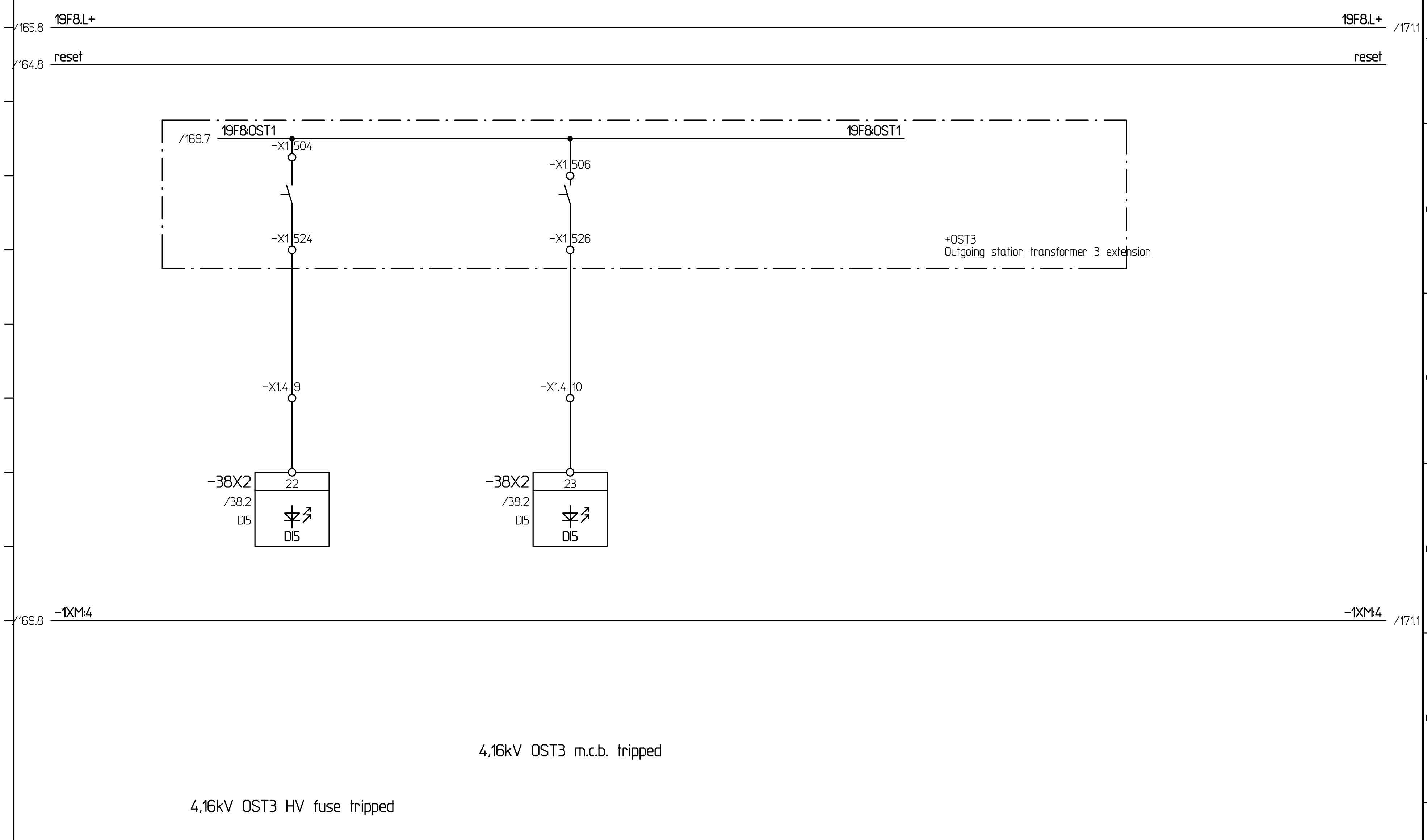
Bildbeschreibung IMAGE DESCRIPTION: Signals fr.+OST3 outg. st. tr. 3 c.b.ext

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730 / 43730	page 169 / 215 BL



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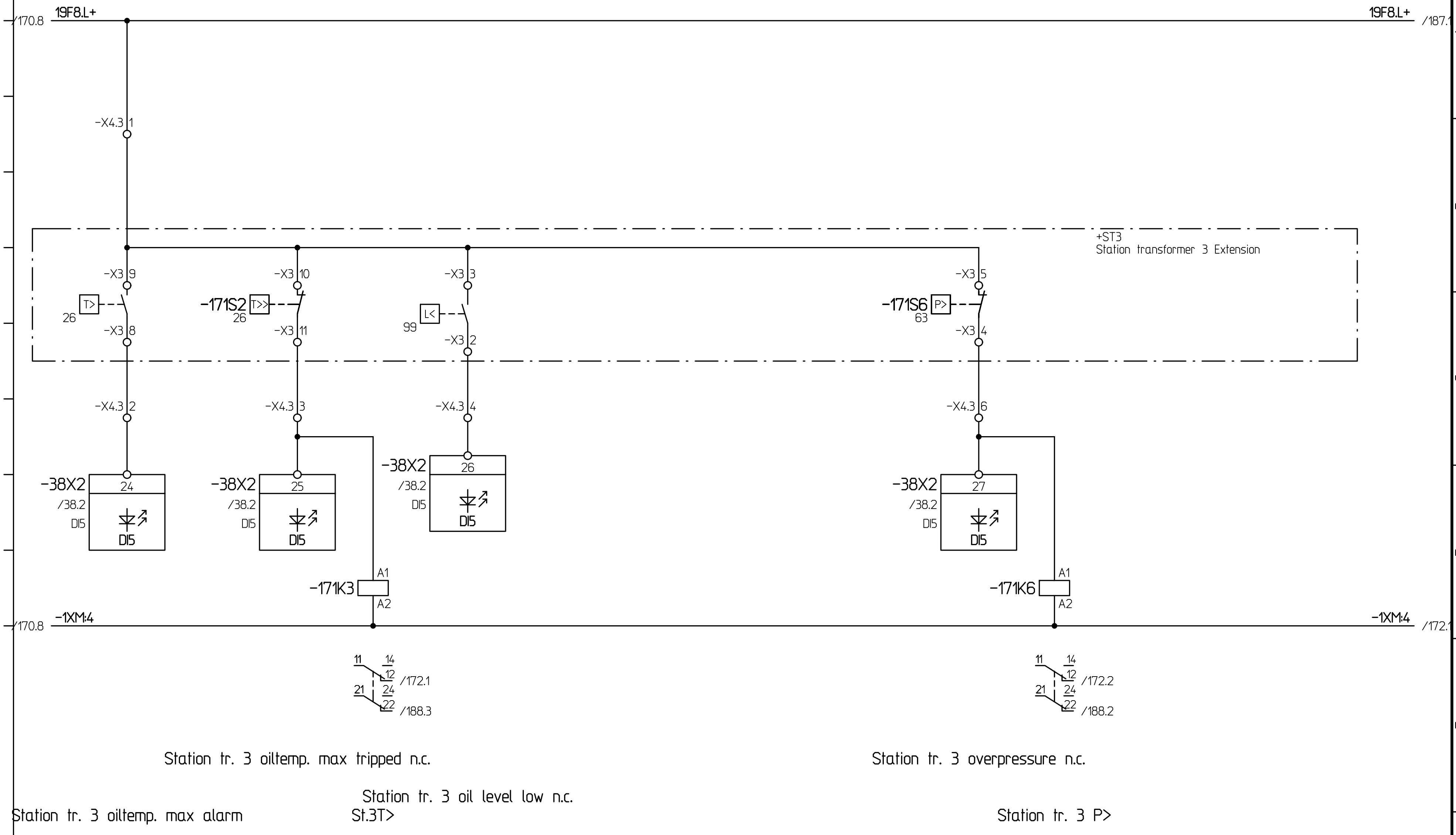
Bildbeschreibung
IMAGE DESCRIPTION

Signals fr.+OST3 outg. st. tr. 3 c.b.ext

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05			page 170 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: Signals from station transformer 3 ext.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 171 / 215 BL

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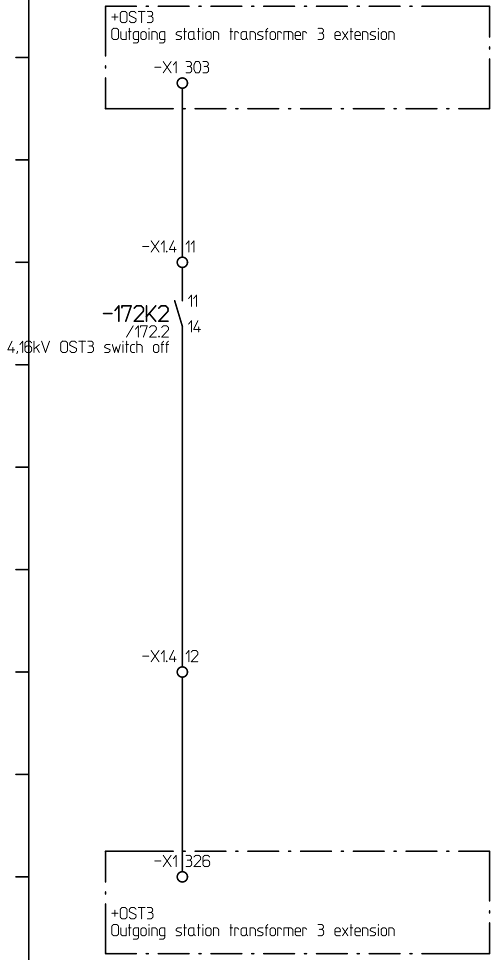
Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 3 ext.

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. Ersf.	Ers.d. 29.06.05			page 172 / 215 BL

Index	changing	Date	name



C.b. closing inhibit

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Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 3 ext.

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
Index	changing	Date	name	Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 29.06.05

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP

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Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 175 / 215 BL

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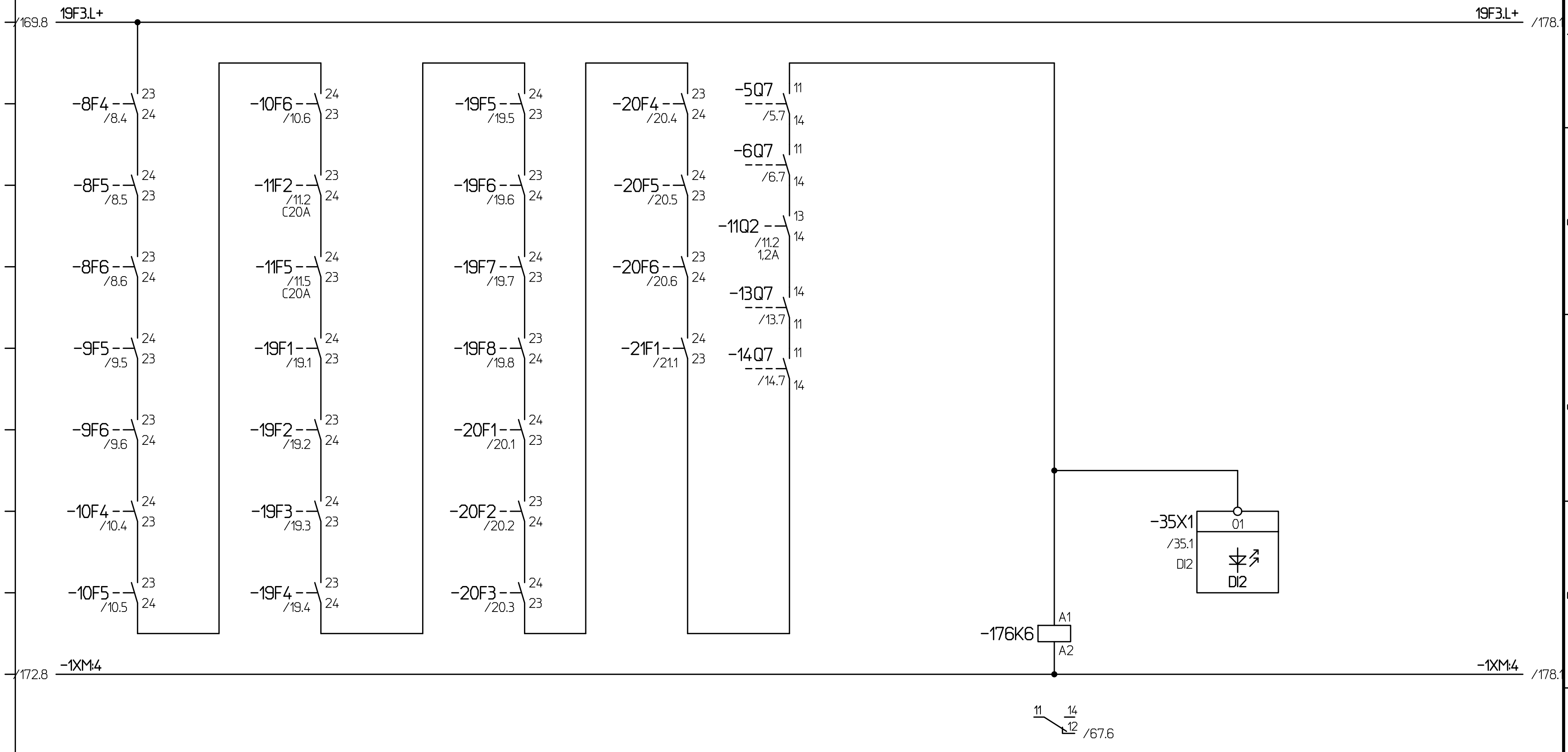

m. c. b. tripped +CCP   M.c.b. tripped +CCP

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Bildbeschreibung
IMAGE DESCRIPTION
Internal failure indication

Index	changing	Date	name	Date	01.02.05					
				Desig.	A. Stellmann	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Check	A. Stellmann				43730	43730
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 176 / 215 BL

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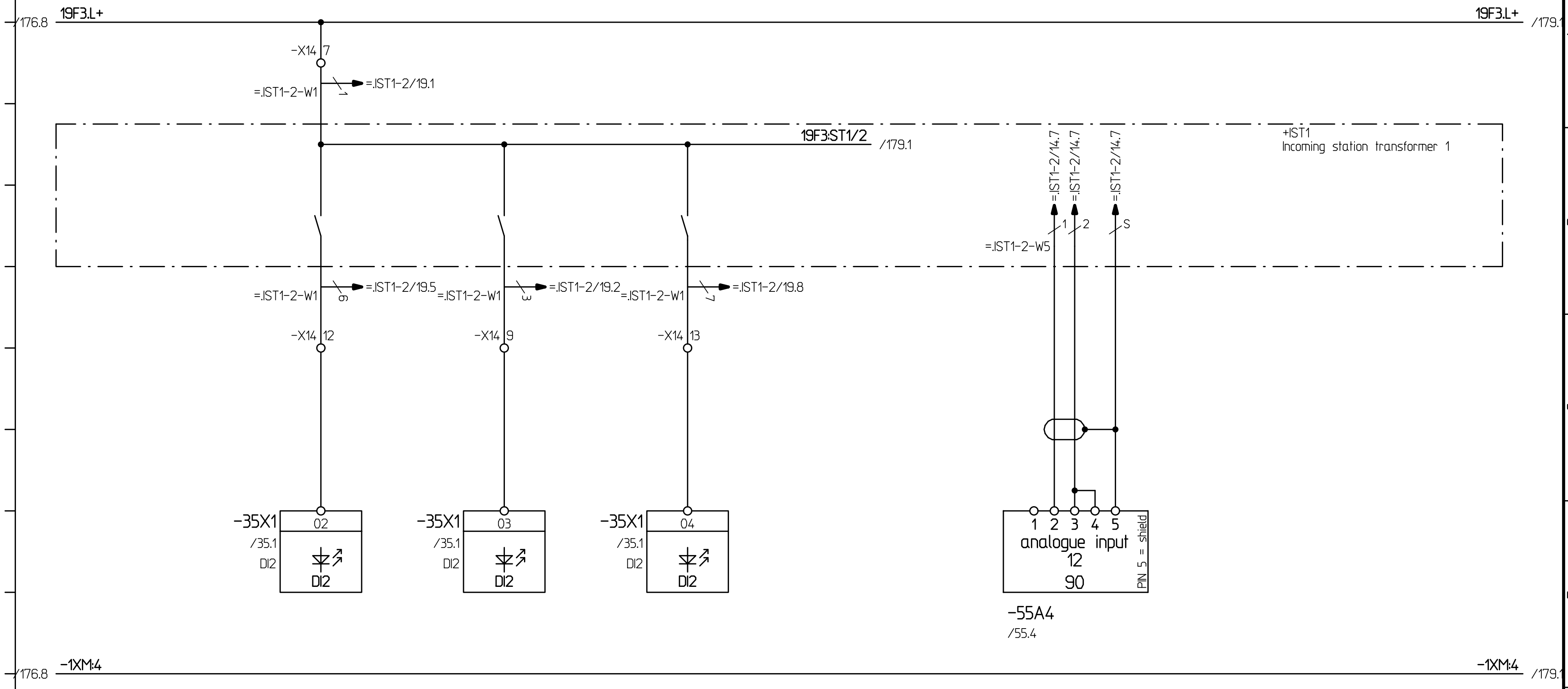
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
				Desig.	A. Stellmann				=DPP +CCP
				Check	A. Stellmann				43730 | 43730
Index	changing	Date	name	Norm	33	Orig. | Ers.f.	Ers.d. 29.06.05		page 177 215 BL



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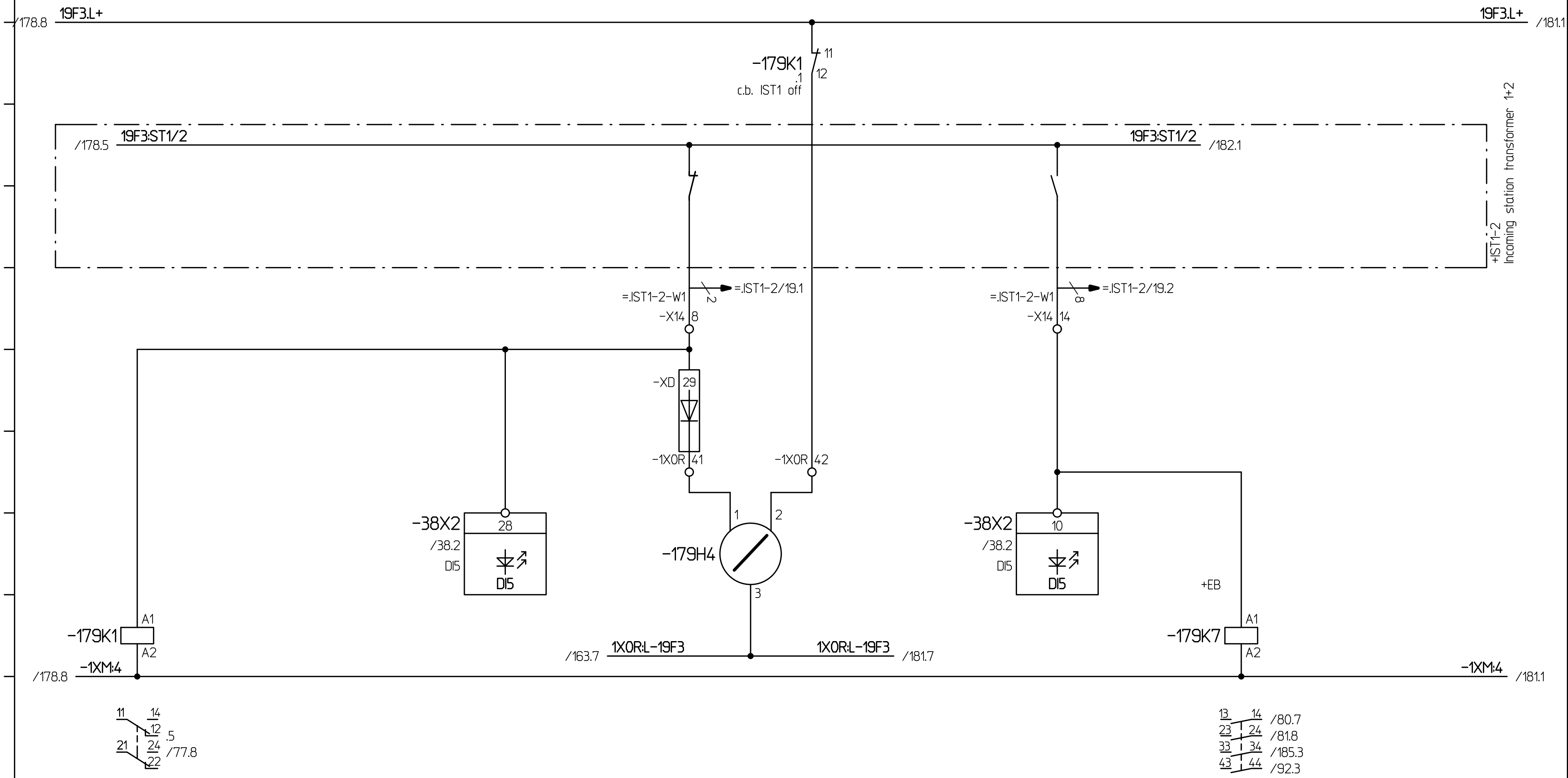
Bildbeschreibung IMAGE DESCRIPTION: Signals from +IST1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730	page 178
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ersd. 29.06.05		215 BL



c.b. IST1 off

LV c.b. station tr. 1 off

LV c.b. station tr. 1 on LV c.b. station tr. 1 on

Station transformer 1 LV c. b.

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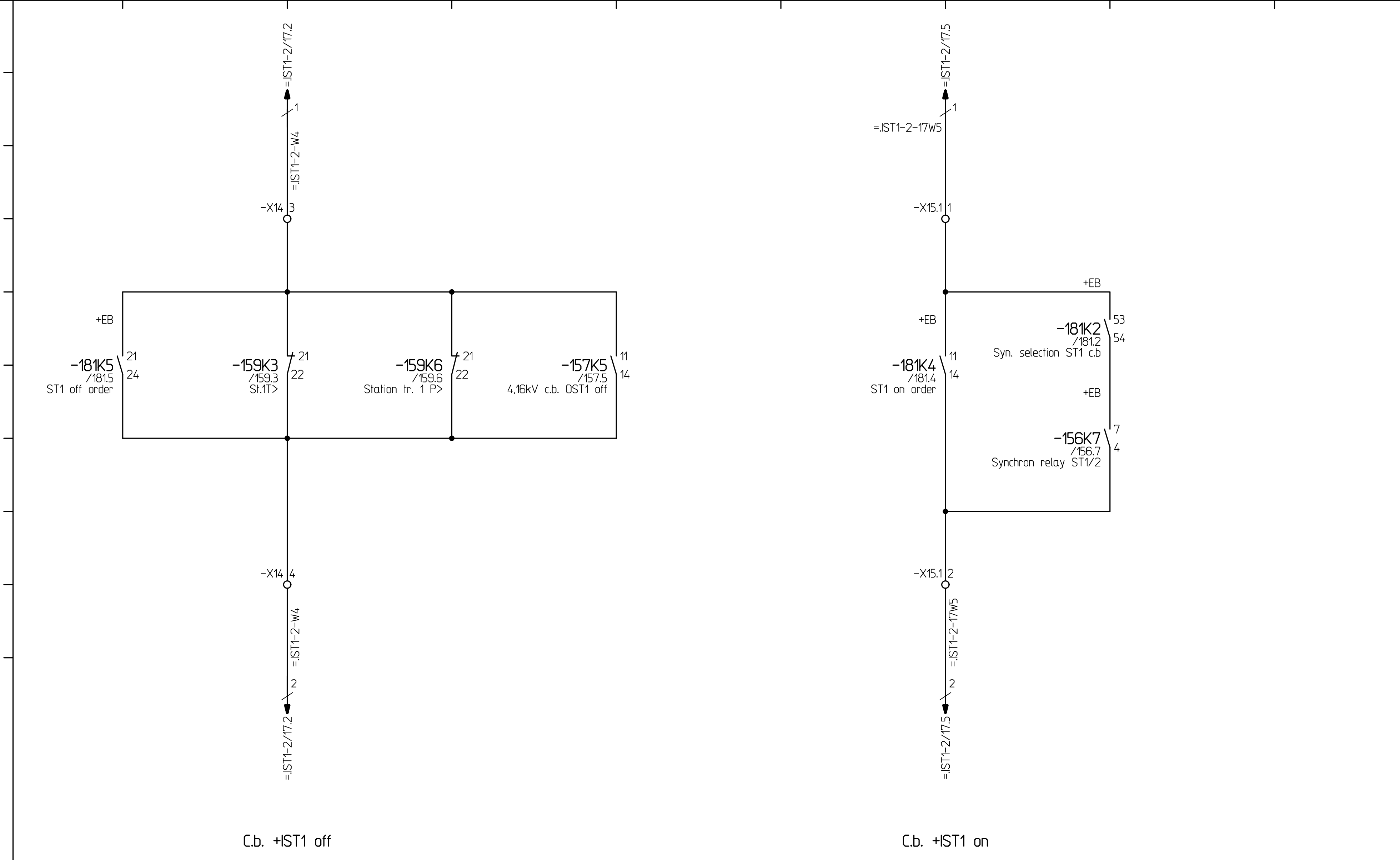
Bildbeschreibung IMAGE DESCRIPTION: Indication from +IST1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			page 179 / 215 BL



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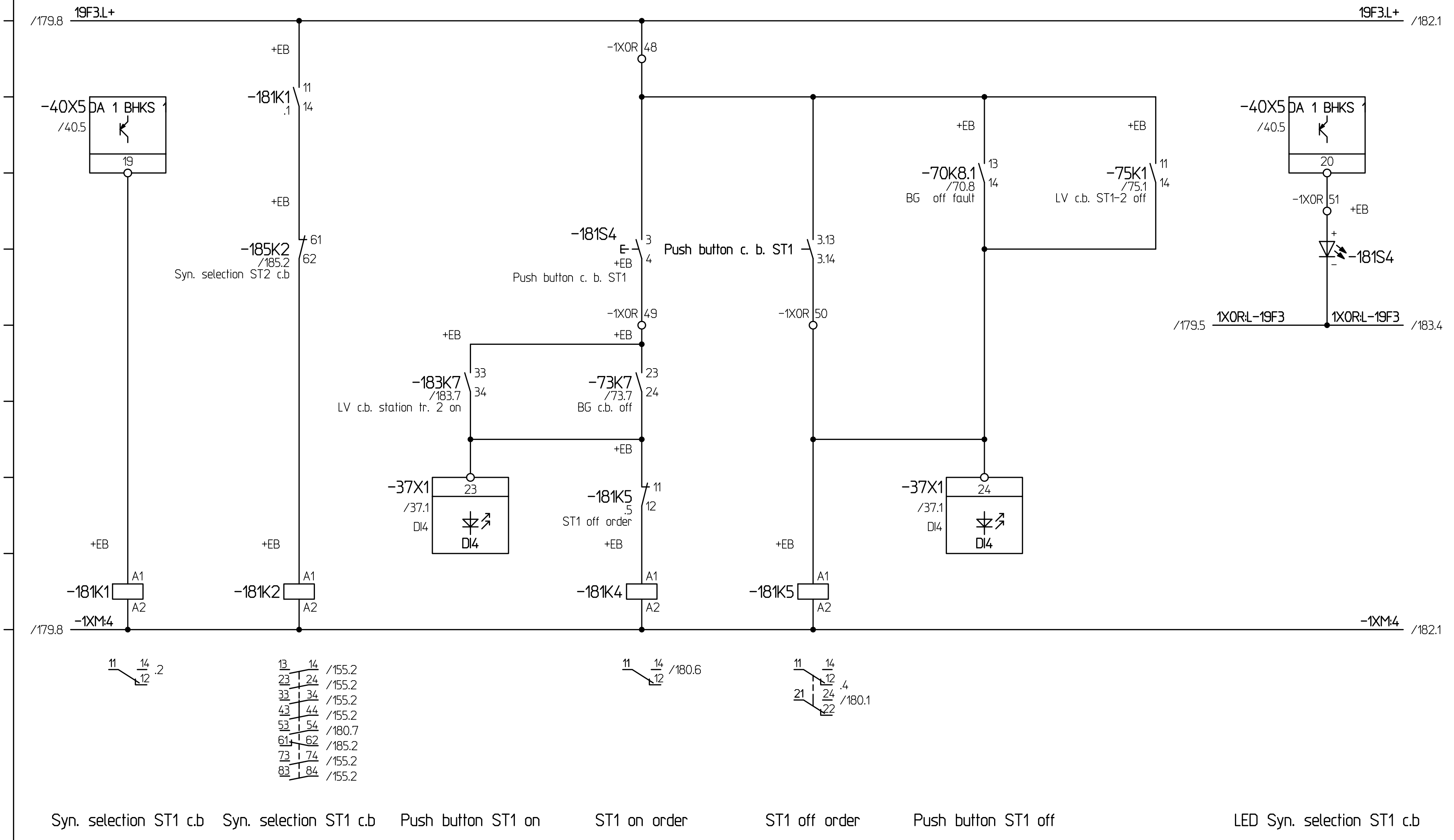
Bildbeschreibung
IMAGE DESCRIPTION controller +IST1 c. b.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ersd. 29.06.05		43730 / 43730	page 180 / 215 BL



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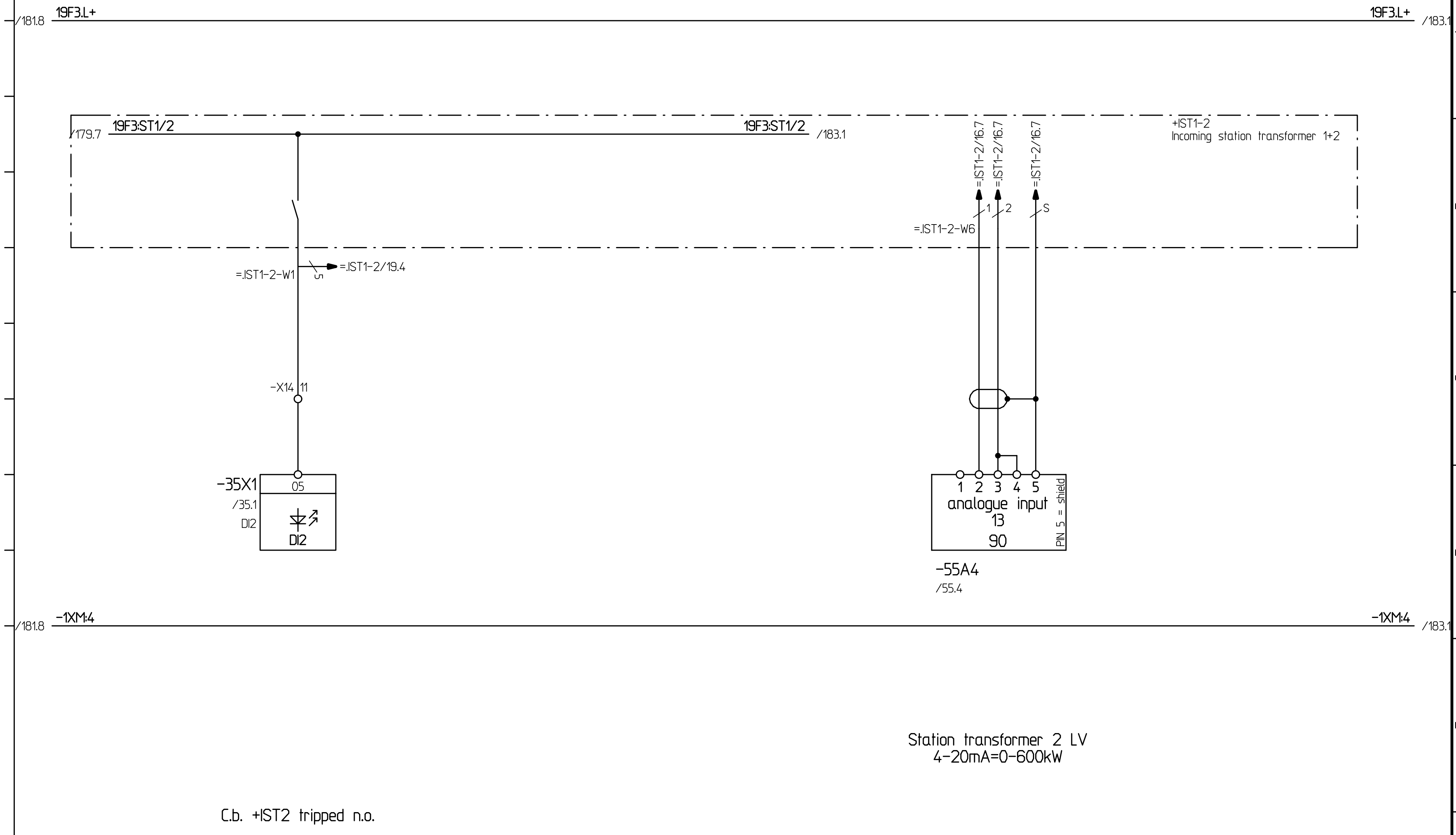
Bildbeschreibung IMAGE DESCRIPTION: Control c.b. +IST1

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 43730
Norm	33	Orig. / Ersf.	Ersd. 29.06.05		page 181 / 215 BL

Index | changing | Date | name



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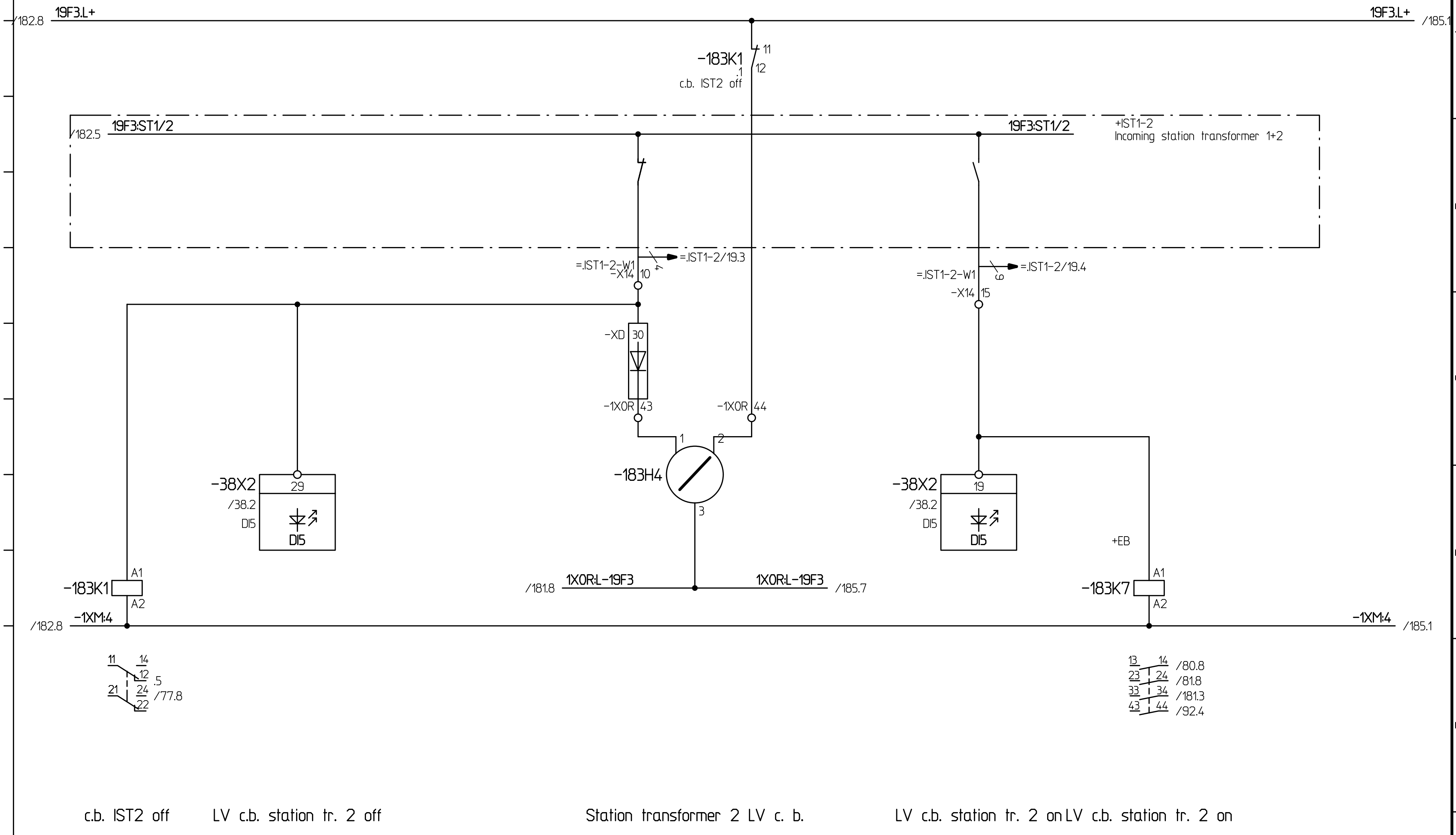
Bildbeschreibung IMAGE DESCRIPTION	Signals from +IST2			
Date 01.02.05 / Desig. A. Stellmann / Check A. Stellmann / Norm 33	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / 43730 / 43730
Index / changing / Date / name	Orig. / Ers.f.	Ers.d. 29.06.05		=DPP +CCP



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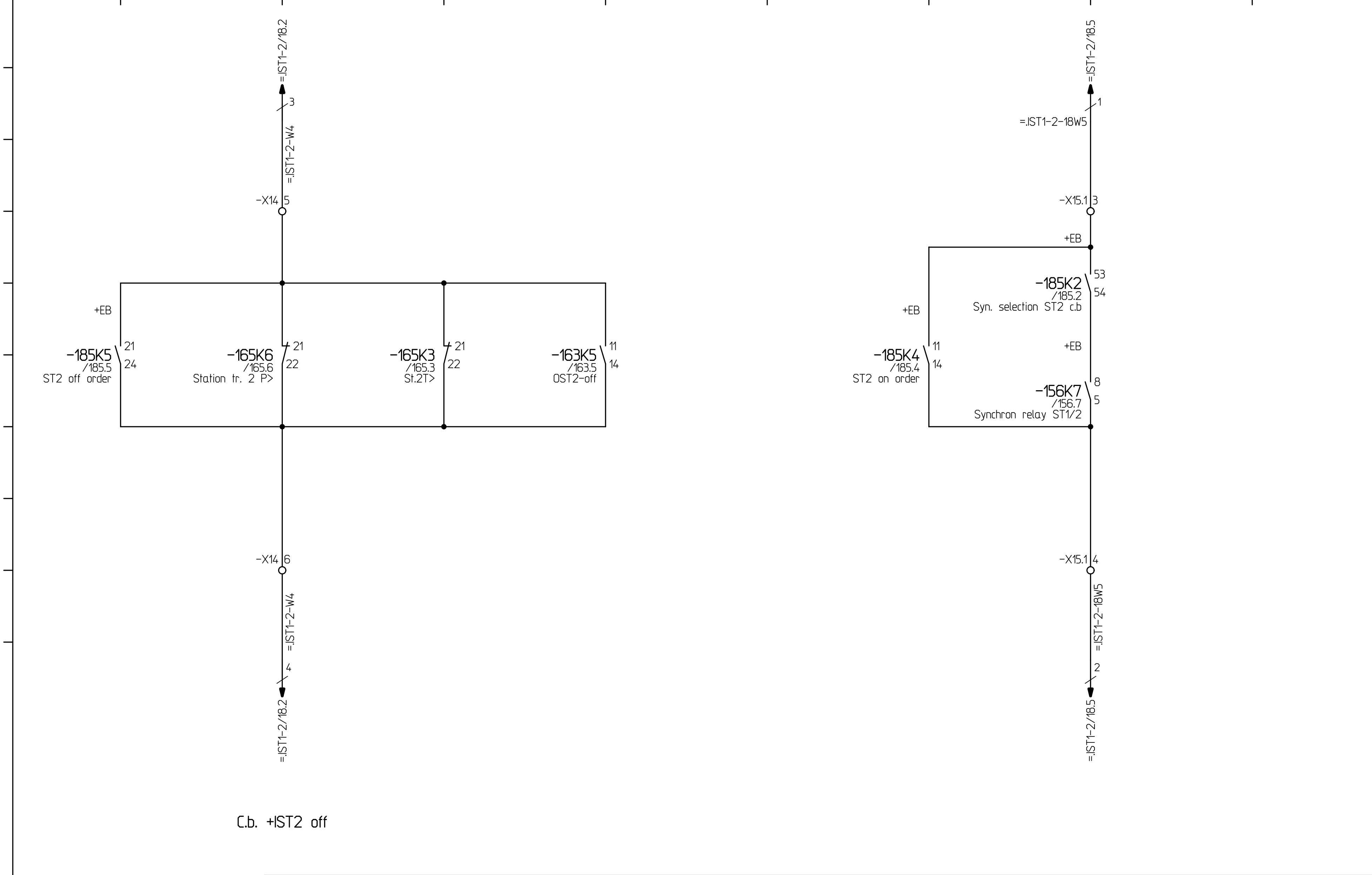
Bildbeschreibung
IMAGE DESCRIPTION

Indication from +IST2

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730	page 183
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05			215 BL



C.b. +IST2 off

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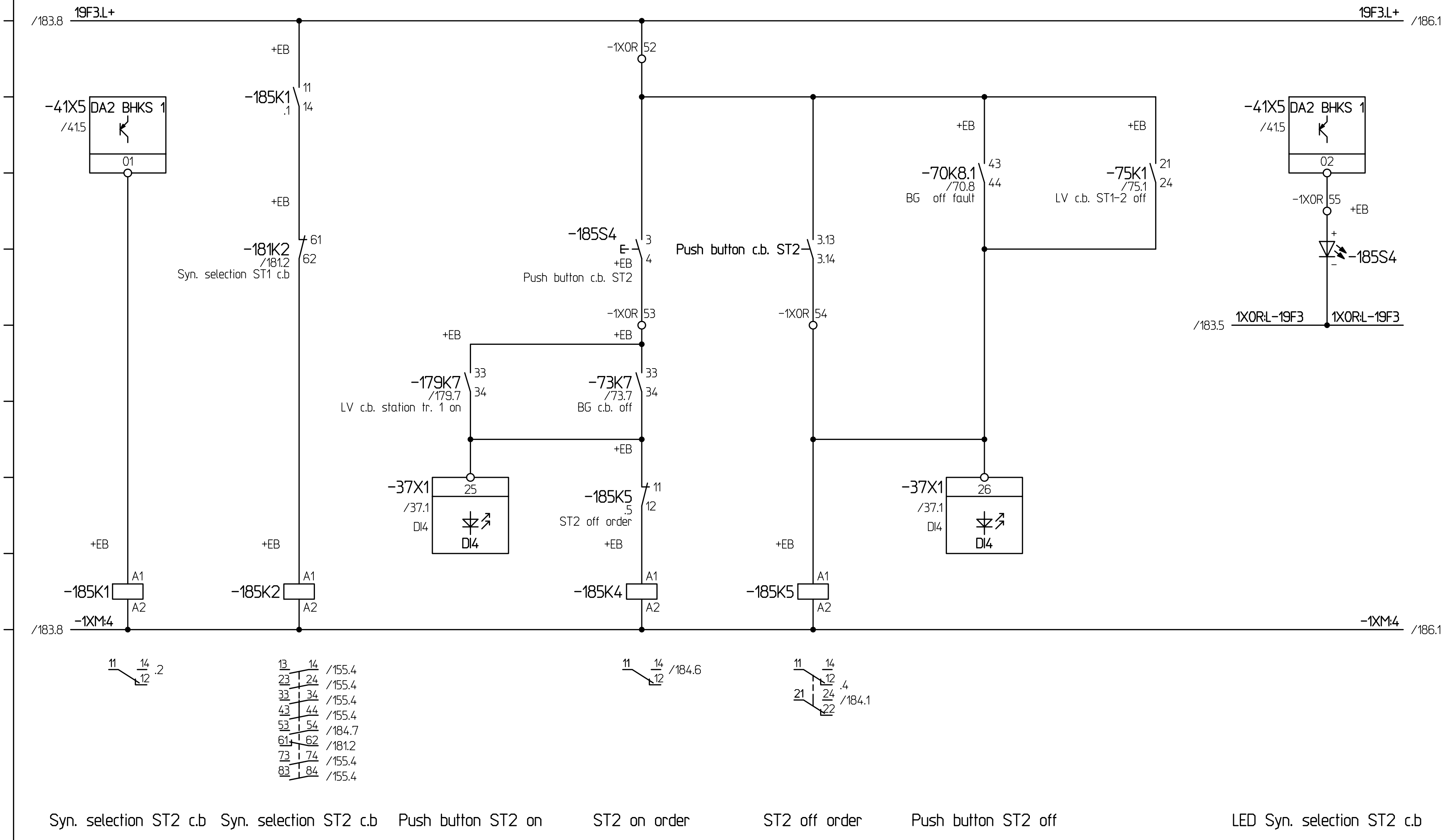
Bildbeschreibung
IMAGE DESCRIPTION controller +IST2 c. b.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 184
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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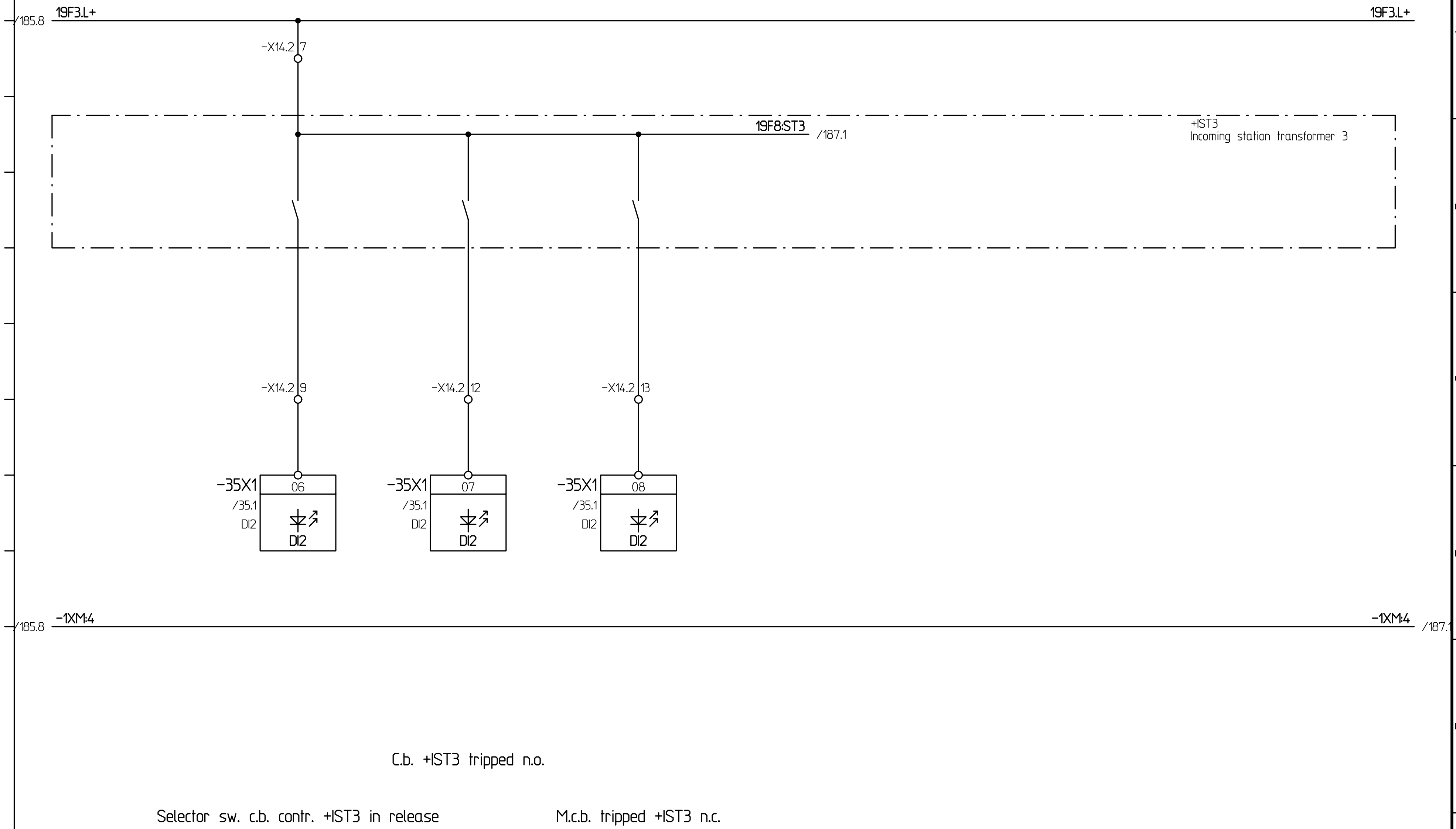
Bildbeschreibung
IMAGE DESCRIPTION
Control c.b. +IST2

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730 page 185
Index	changing	Date	name	Norm	33	Orig. Ersf.	Ersd. 29.06.05			215 BL



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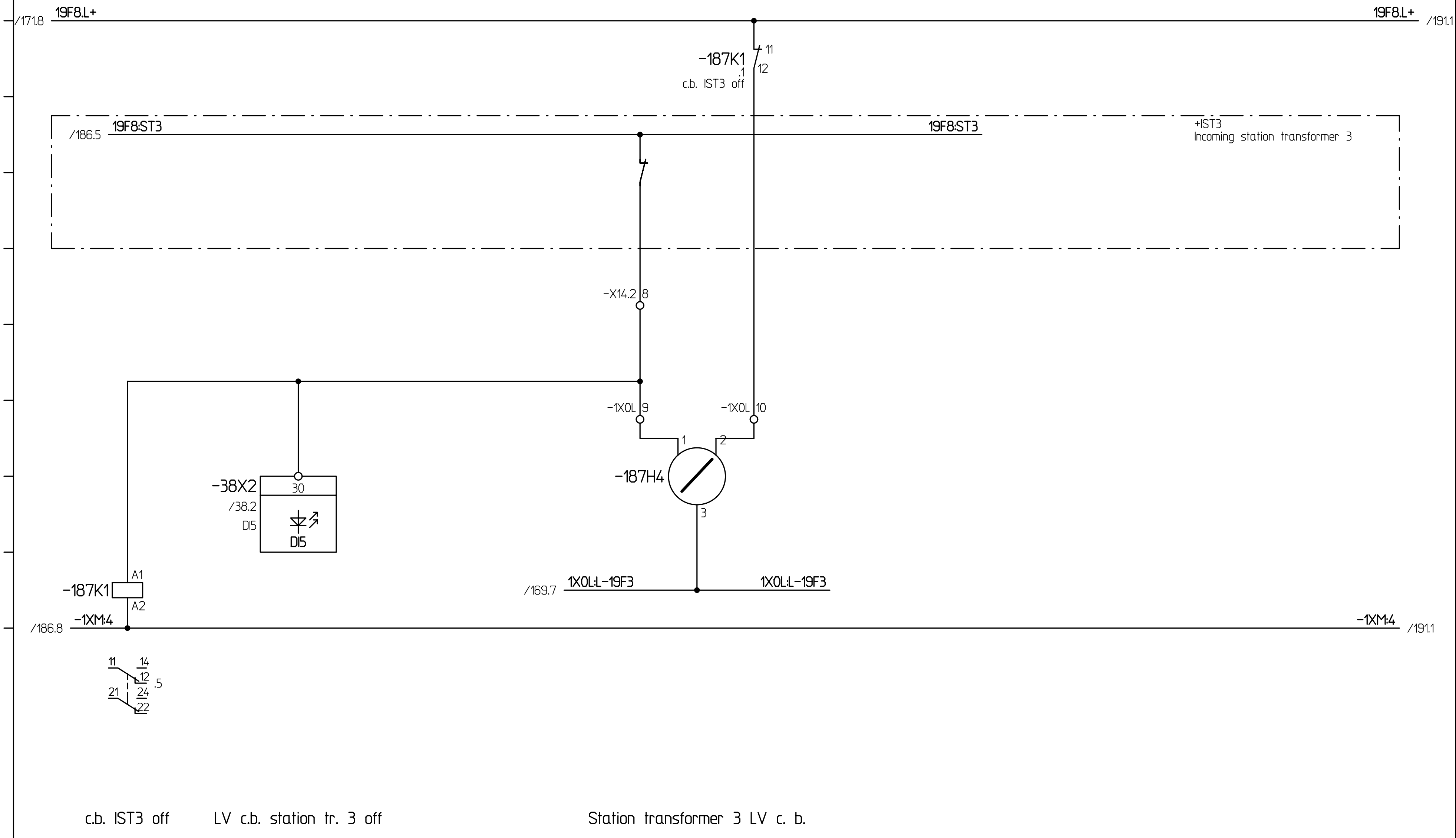
Bildbeschreibung
IMAGE DESCRIPTION

Signals from +IST3 extension

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP
				Desig.	A. Stellmann					+CCP
				Check	A. Stellmann				43730	43730	page 186
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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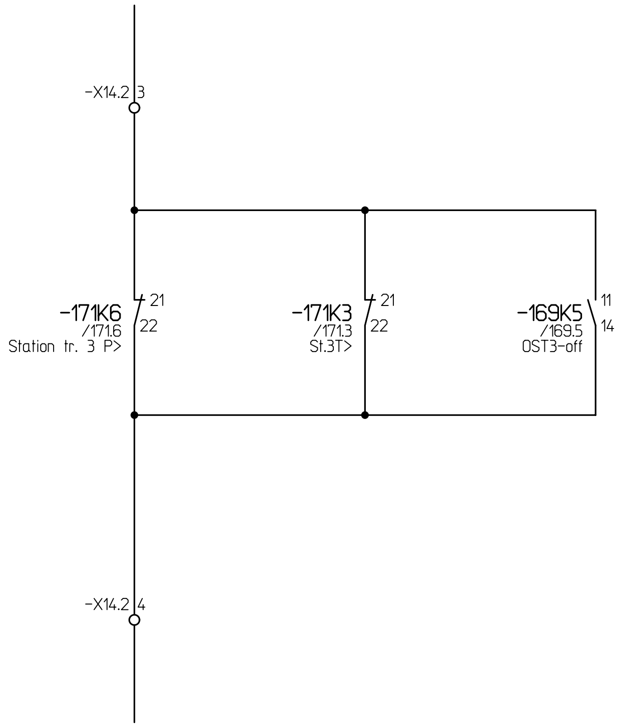
Bildbeschreibung
IMAGE DESCRIPTION

Indication from +IST3 extension

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			



C.b. +IST3 off

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Bildbeschreibung
IMAGE DESCRIPTION

Control +IST3 c. b. extension

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 188
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		215 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

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Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 190 215 BL
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

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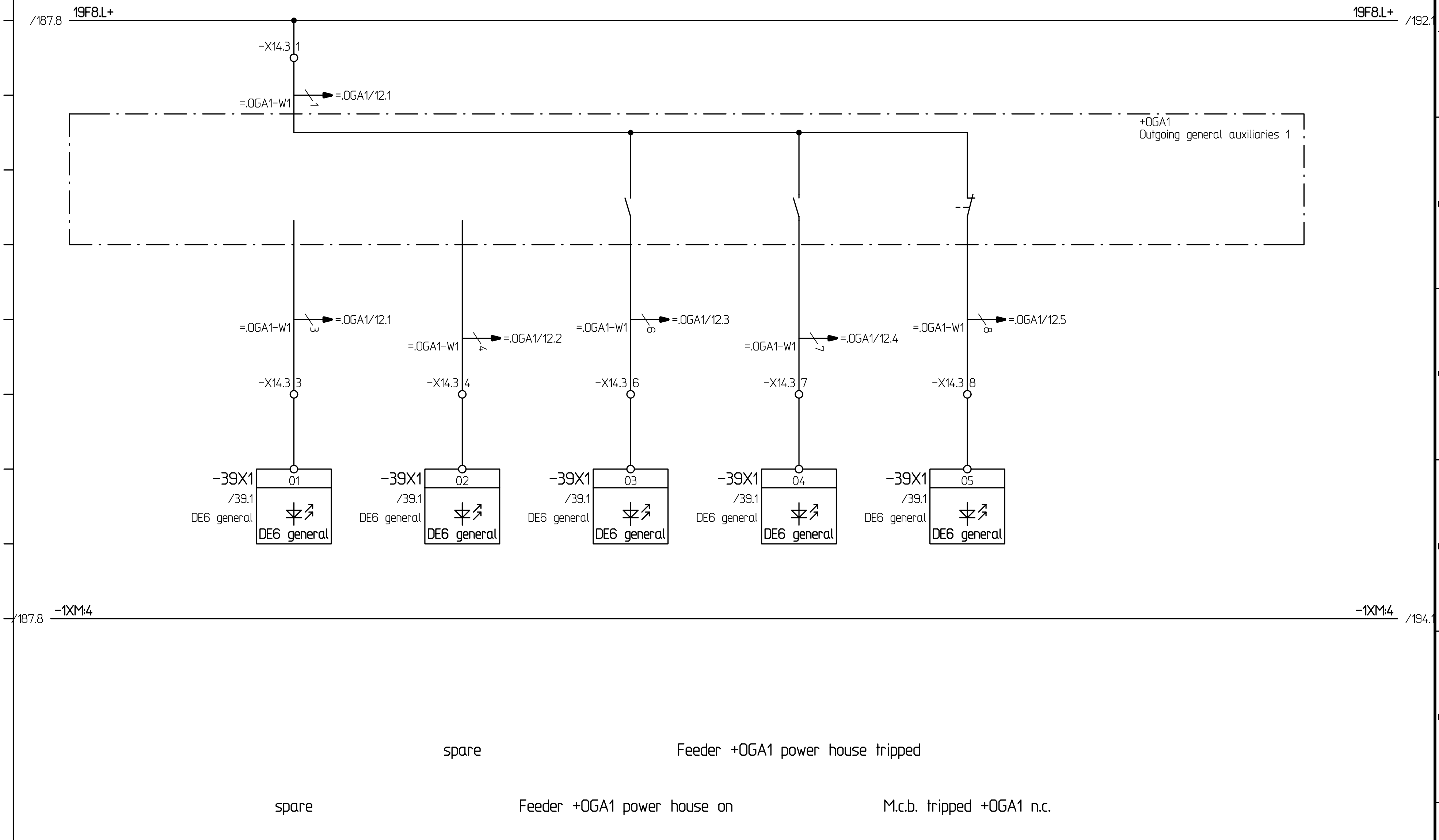

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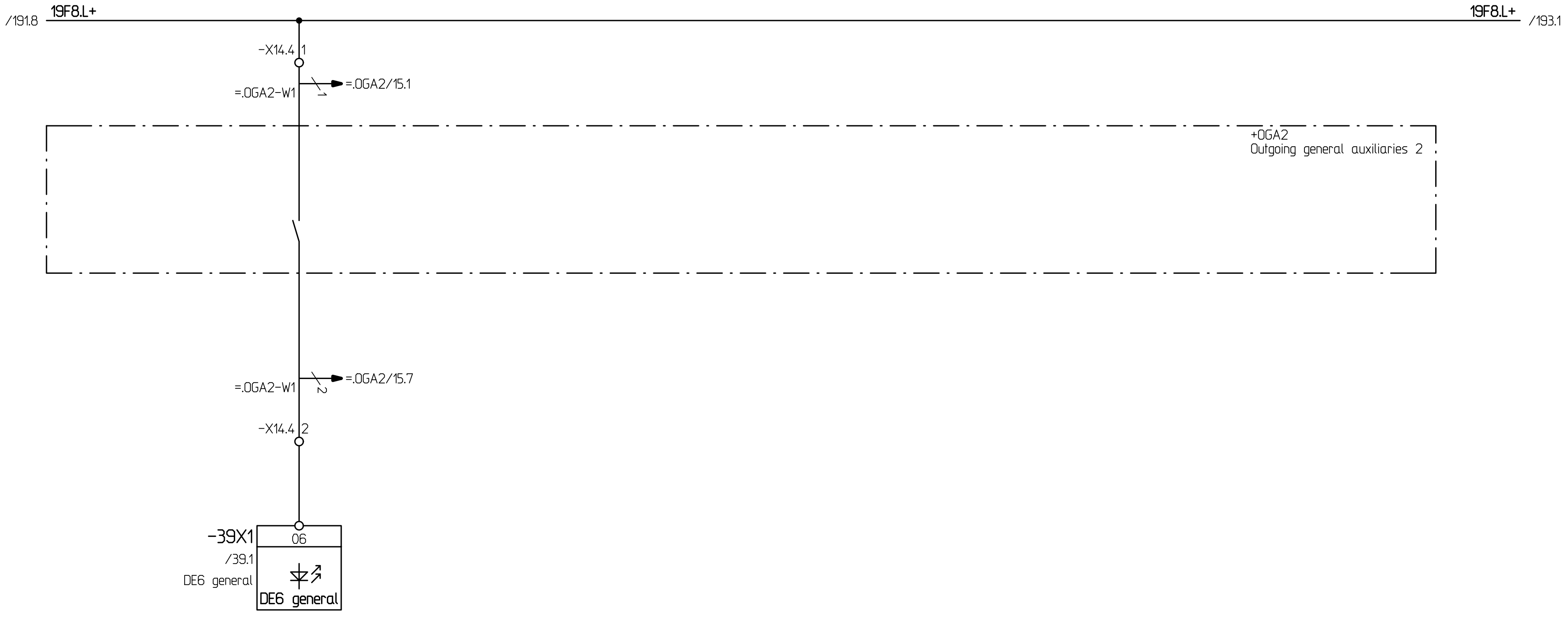
Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OGA1

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 191 / 215 BL



M.c.b. tripped +OGA2 n.c.

Bildbeschreibung IMAGE DESCRIPTION	Signals from +OGA2									
				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730 page 192
Index	changing	Date	name	Norm	33	Orig. Ersf.	Ersd. 29.06.05			215 BL

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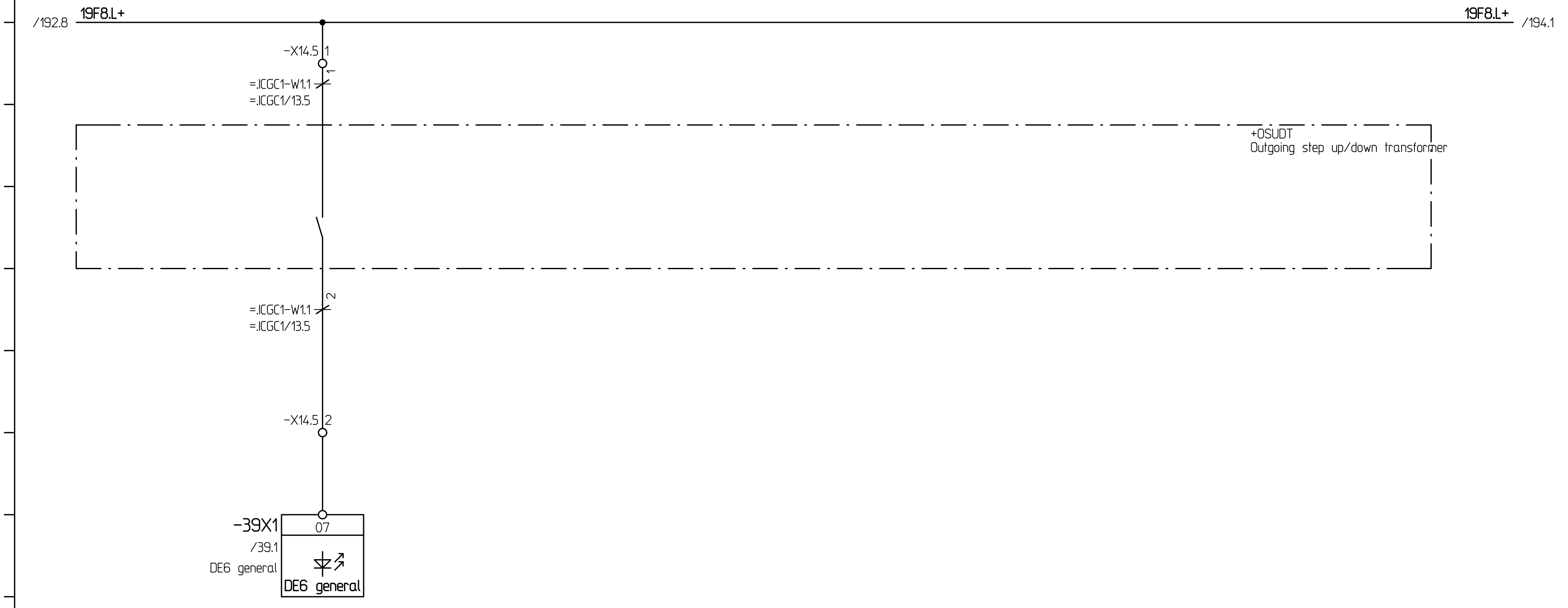

M.c.b. tripped +OSUDT n.c.

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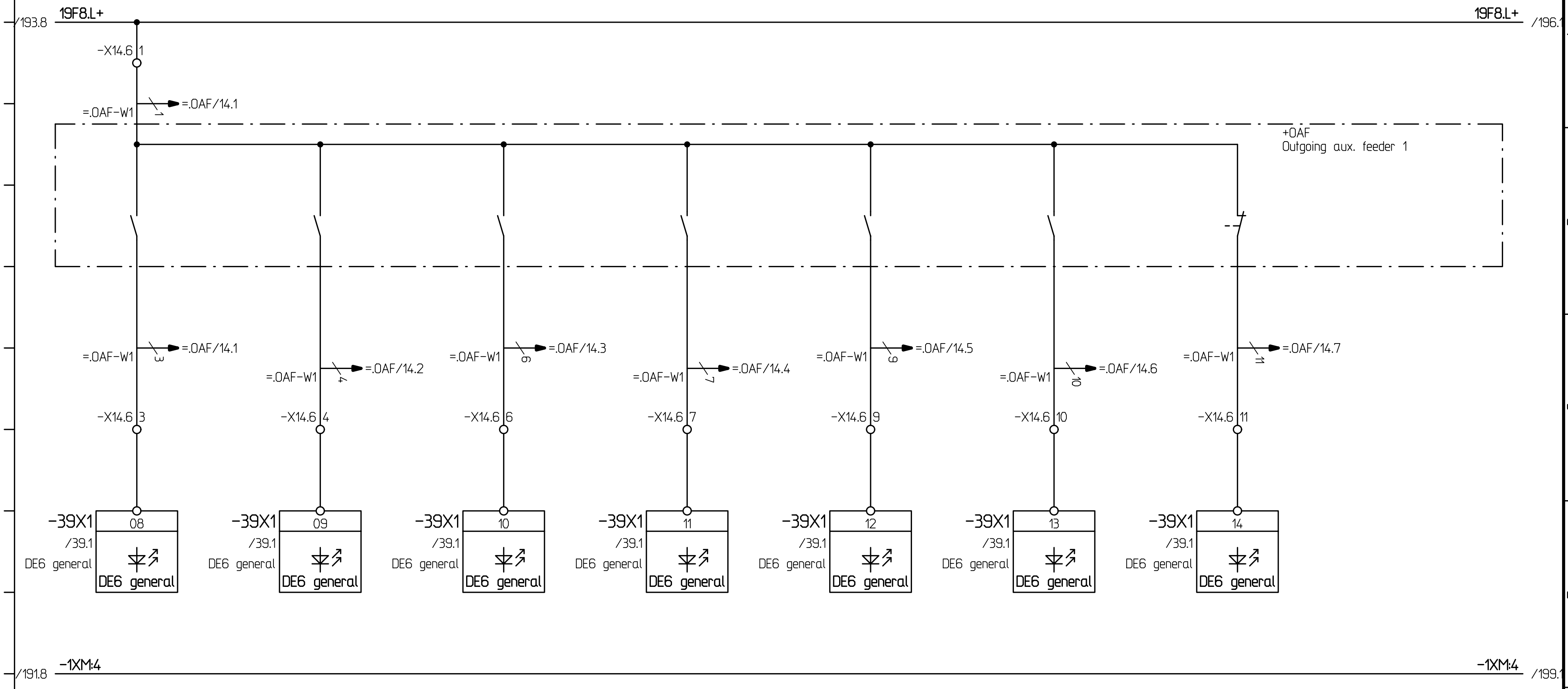
Bildbeschreibung IMAGE DESCRIPTION	Signals from +OSUDT (in ICGC1)							
Index	changing	Date	name	Date 01.02.05 / Desig. A. Stellmann / Check A. Stellmann / Norm 33	Elektrim-MEGADEX Monde Energy Philippines / Orig. / Ers.f.	KUHSE / Ers.d. 29.06.05	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / 43730 / 43730 / =DPP +CCP / page 193 / 215 BL



Outgoing feeder +OAF to +CA tripped

Outgoing feeder +OAF to +CA on

Outg. feeder +OAF to emission contr. build. 1 on

Outg. feeder +OAF to emiss.contr. build. 1 tri.

Outg. feeder +OAF to emission contr. build. 2 on

Outg. feeder +OAF to emiss.contr. build. 2 tri.

M.c.b. tripped +OAF n.c.

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Bildbeschreibung IMAGE DESCRIPTION: Signals from +OAF

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 194 / 215 BL

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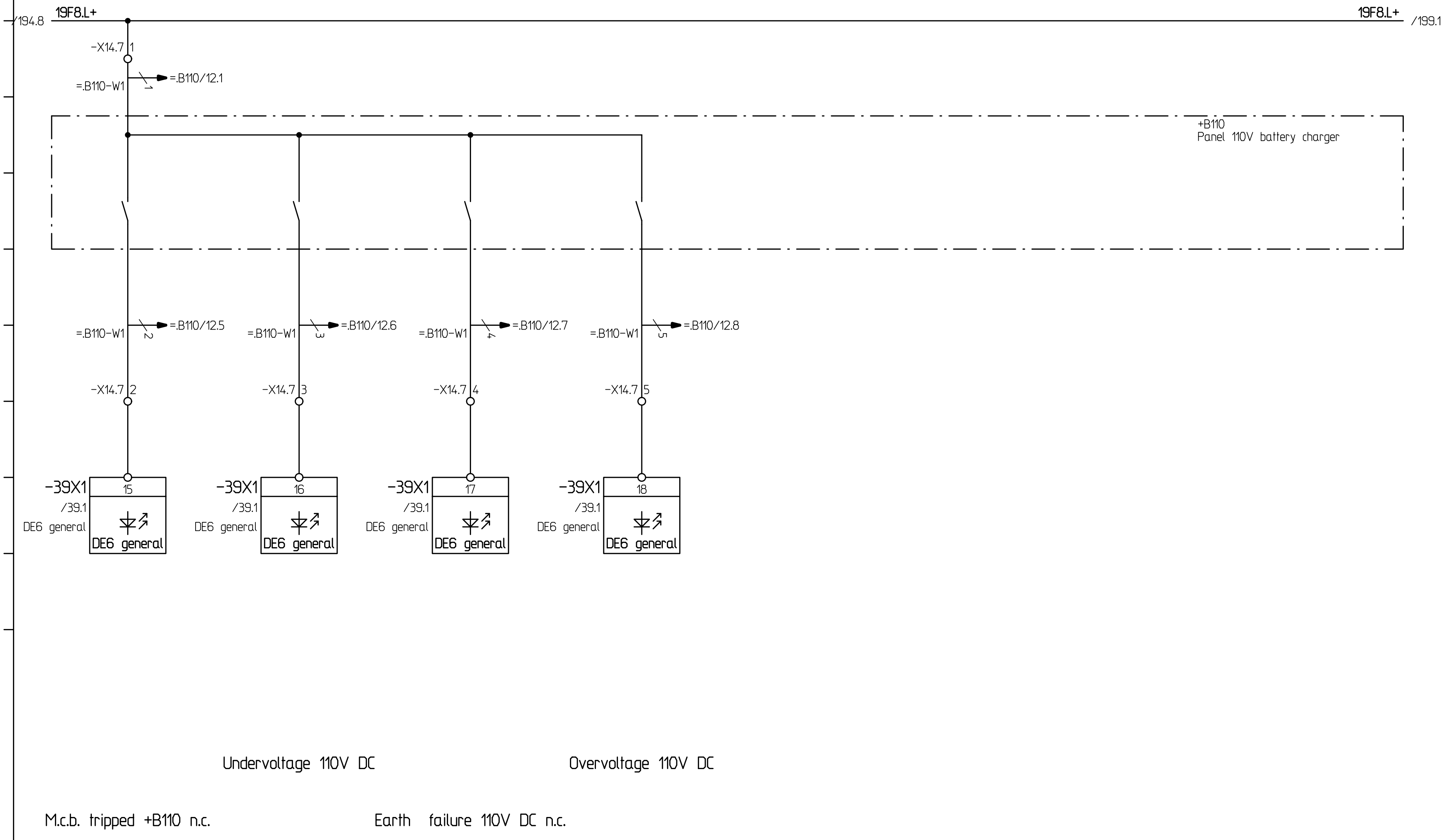
Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 195 215 BL
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			



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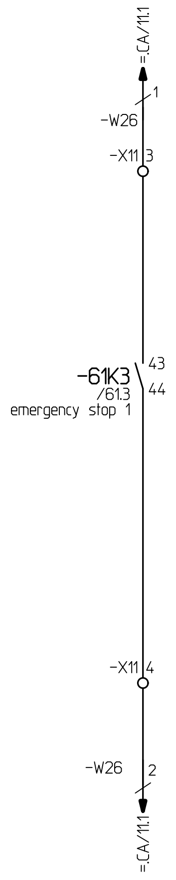
Bildbeschreibung
IMAGE DESCRIPTION

Signals from +B110

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 196 / 215 BL



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Bildbeschreibung
IMAGE DESCRIPTION

Signals to +CA

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 197 / 215 BL

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Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 =DPP +CCP
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 / 43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		page 198 / 215 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 29.06.05			page 199 215 BL

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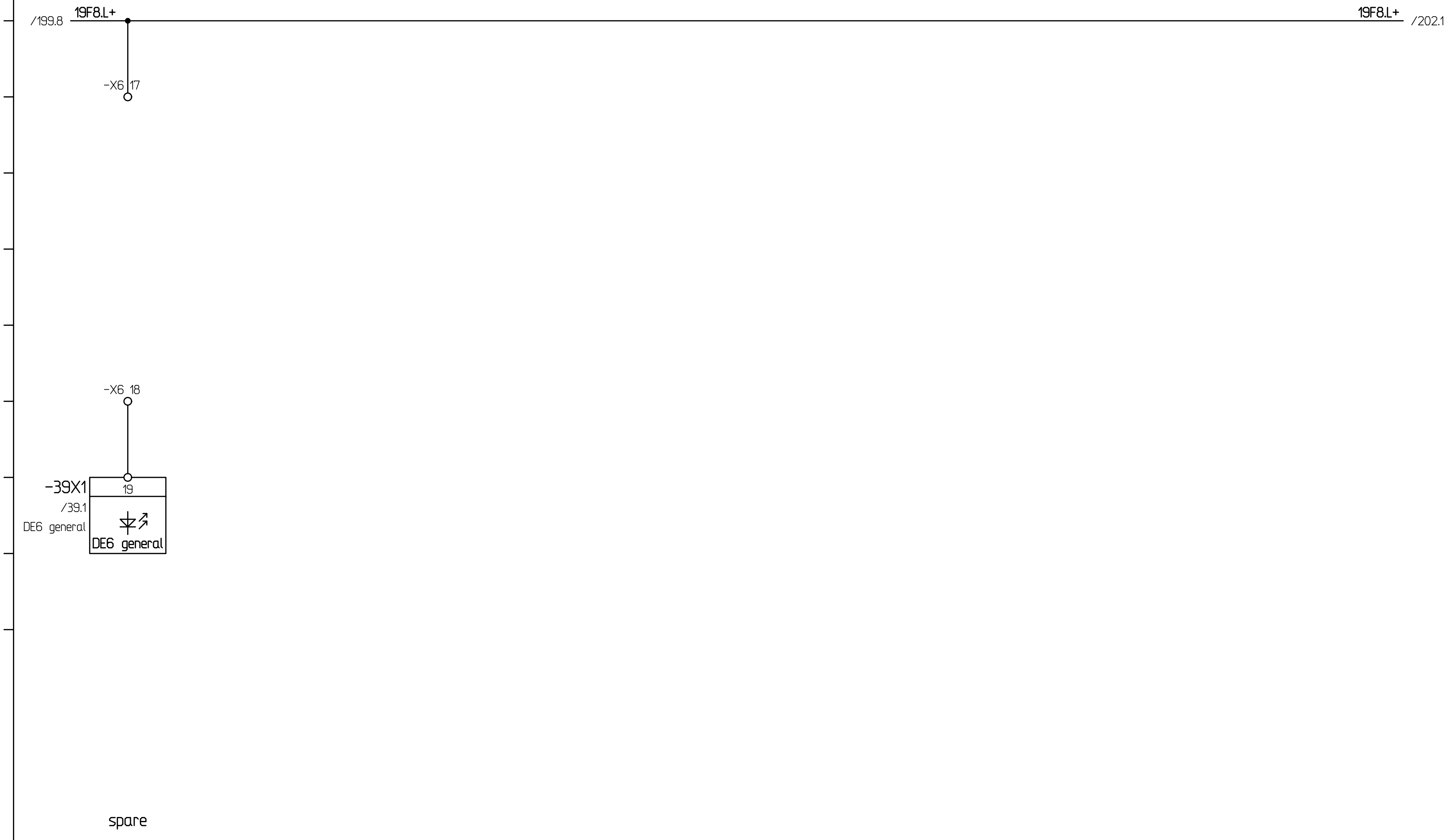

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Bildbeschreibung
IMAGE DESCRIPTION

Failure inputs

Index	changing	Date	name	Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 43730	page 200 / 215 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			

Bildbeschreibung
IMAGE DESCRIPTION
spare

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05	

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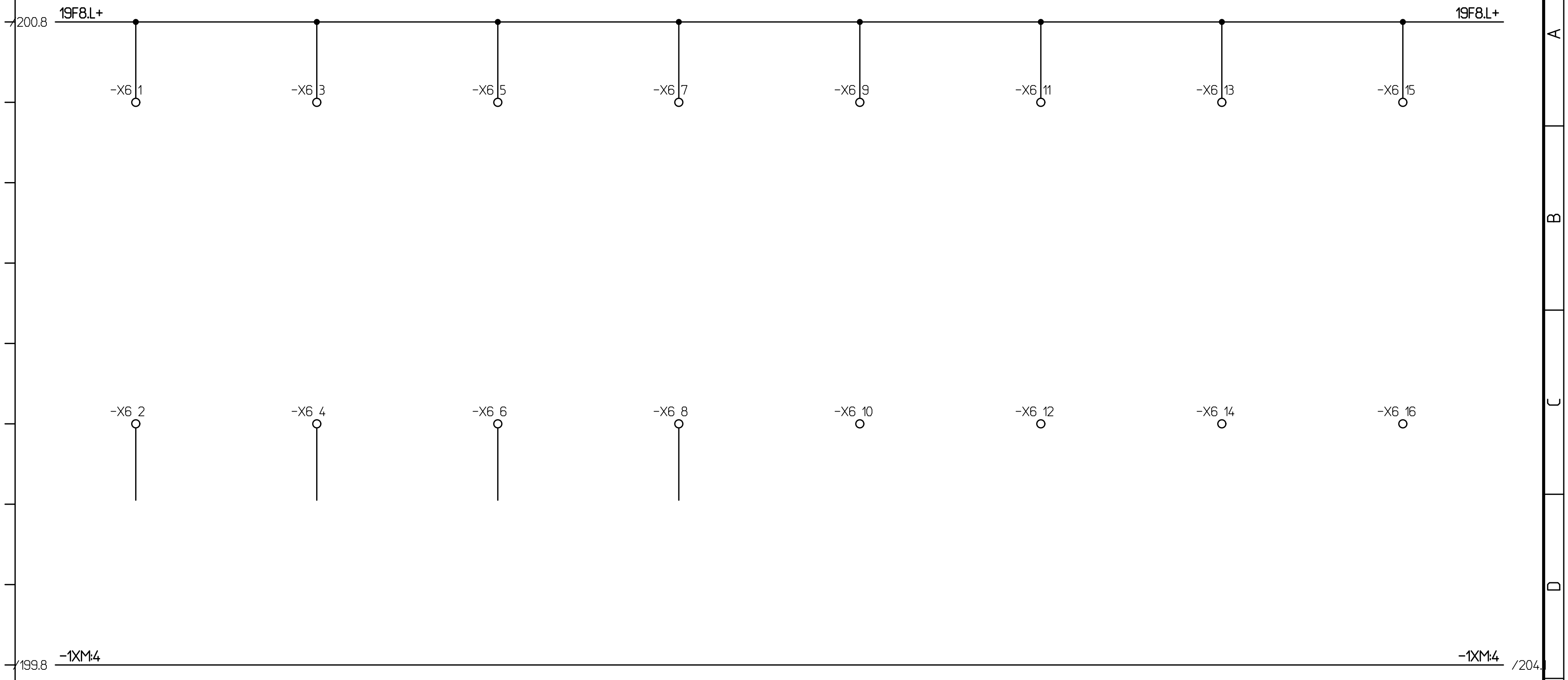

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Bildbeschreibung
IMAGE DESCRIPTION

Digital inputs spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 202 / 215 BL

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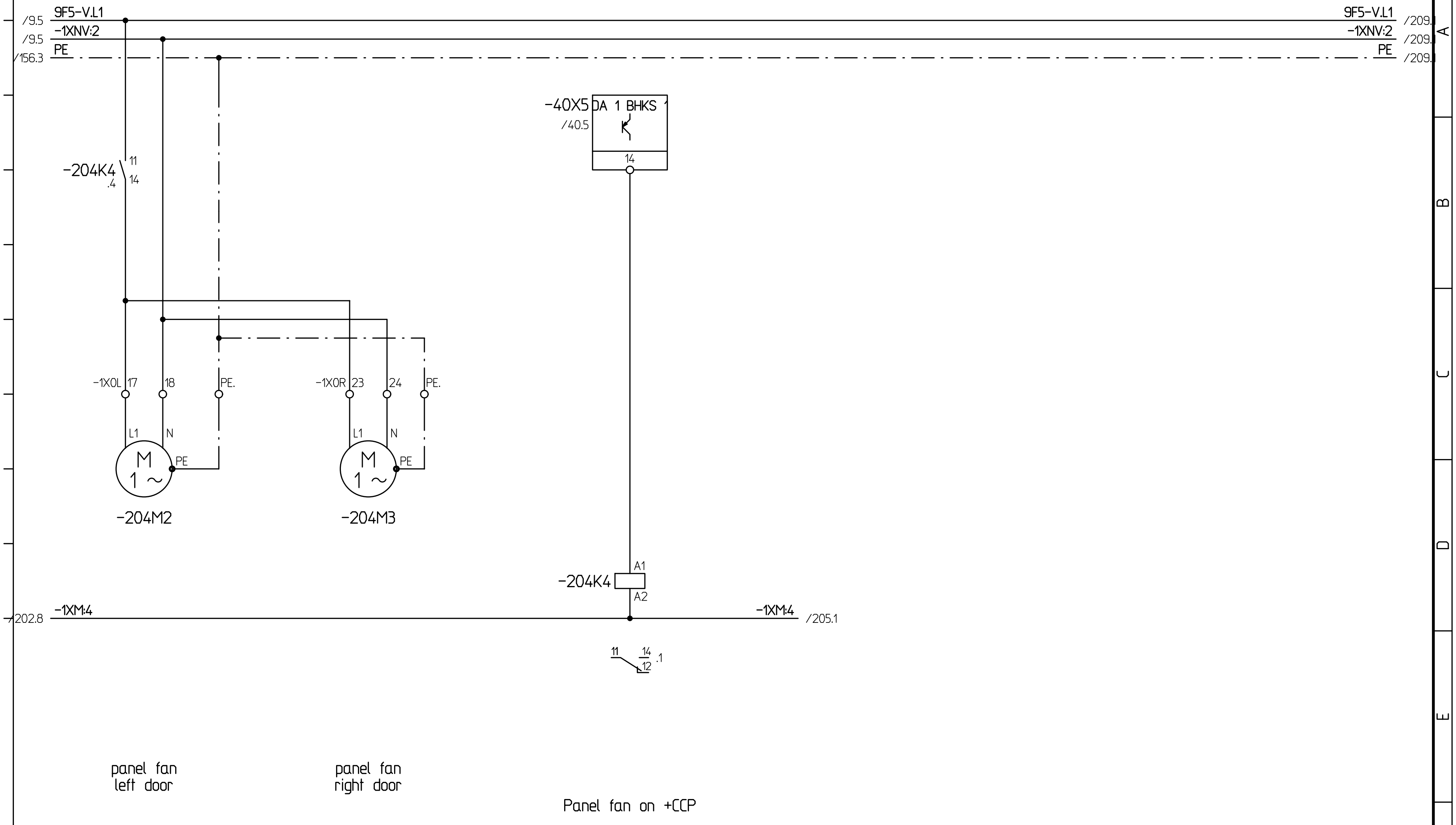
Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		



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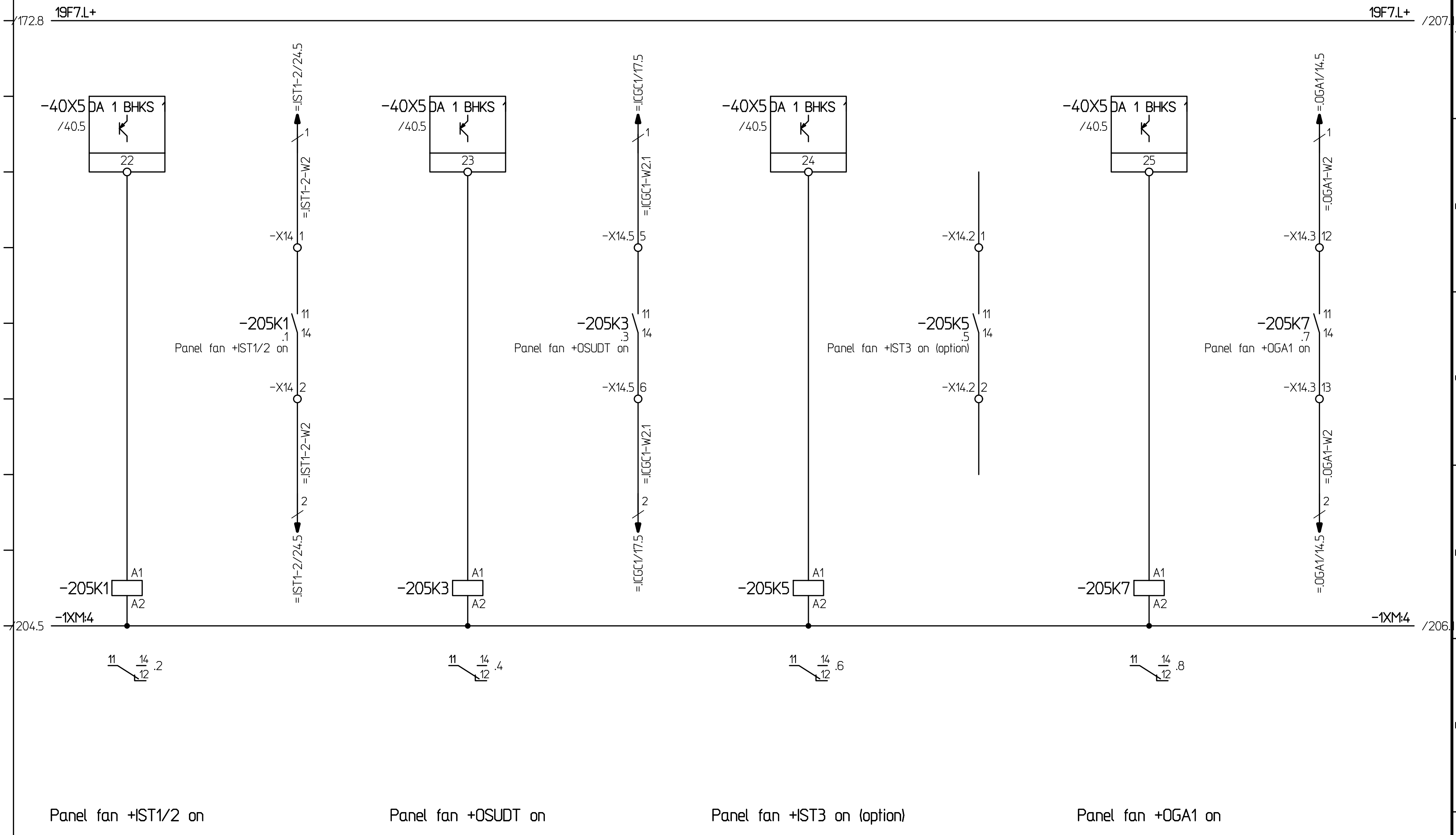
Bildbeschreibung
IMAGE DESCRIPTION
control cab ventilation +CCP

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			page 204 / 215 BL

Index | changing | Date | name



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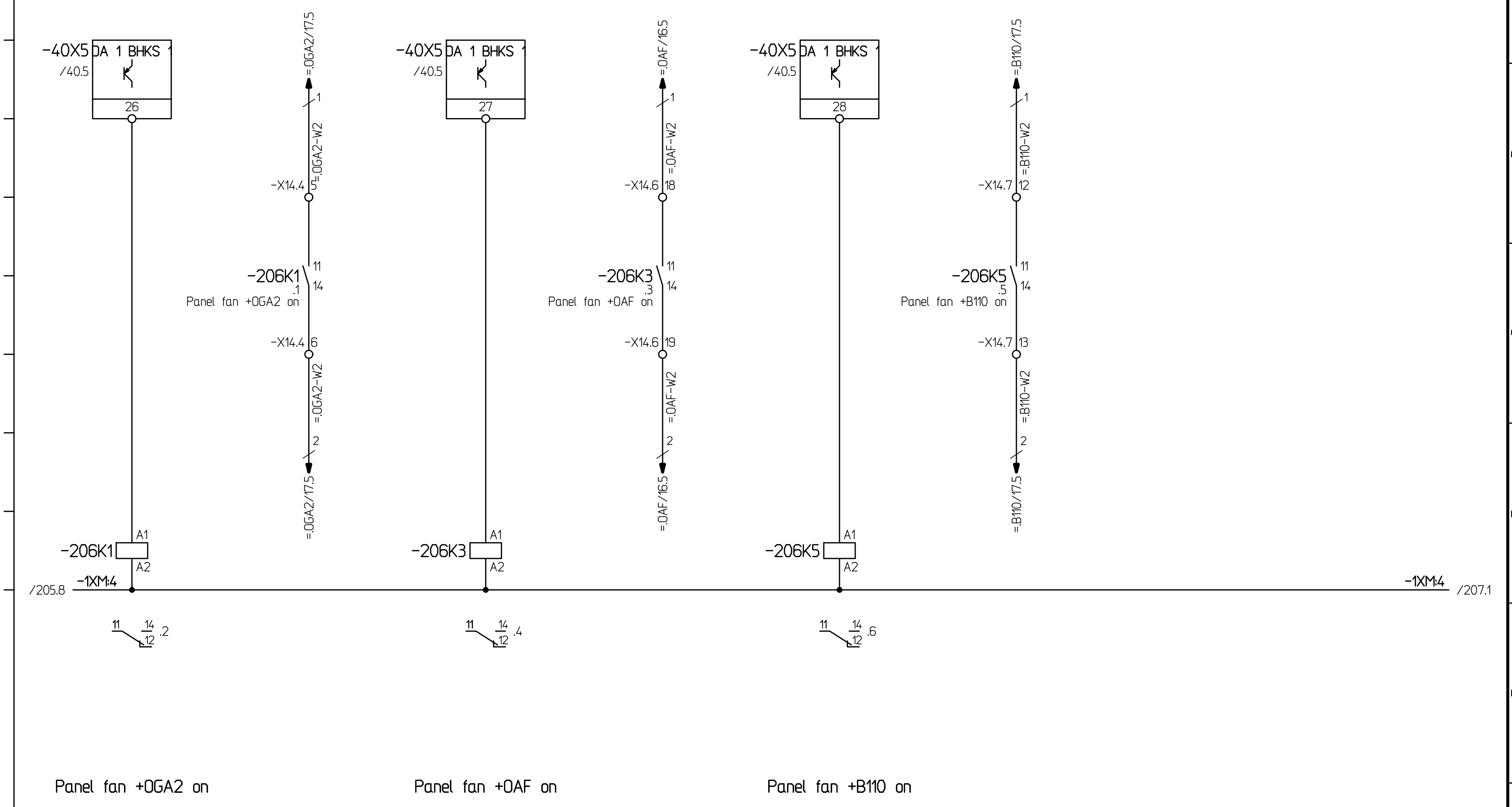
Bildbeschreibung
IMAGE DESCRIPTION

control cab ventilators

Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	43730
Norm	33	Orig. / Ersf.	Ers.d. 29.06.05			page 205 / 215 BL

Index | changing | Date | name



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Bildbeschreibung IMAGE DESCRIPTION: control cab ventilators

Index	changing	Date	name		
				Date	01.02.05
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 29.06.05

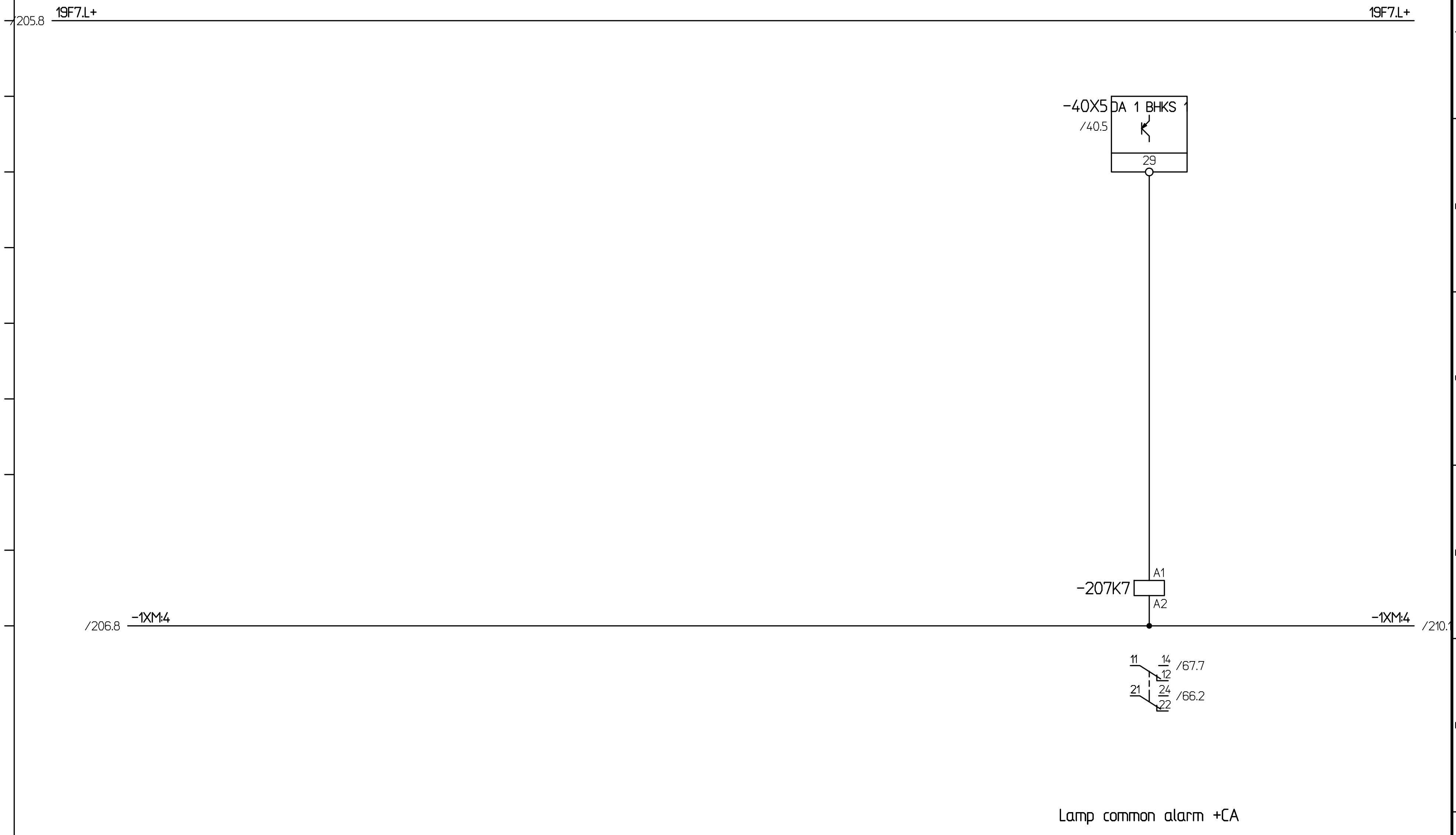
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 43730

=DPP
+CCP



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Bildbeschreibung
IMAGE DESCRIPTION

Spare outputs

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 207
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 29.06.05			215 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	43730
				Check	A. Stellmann					page 208
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL

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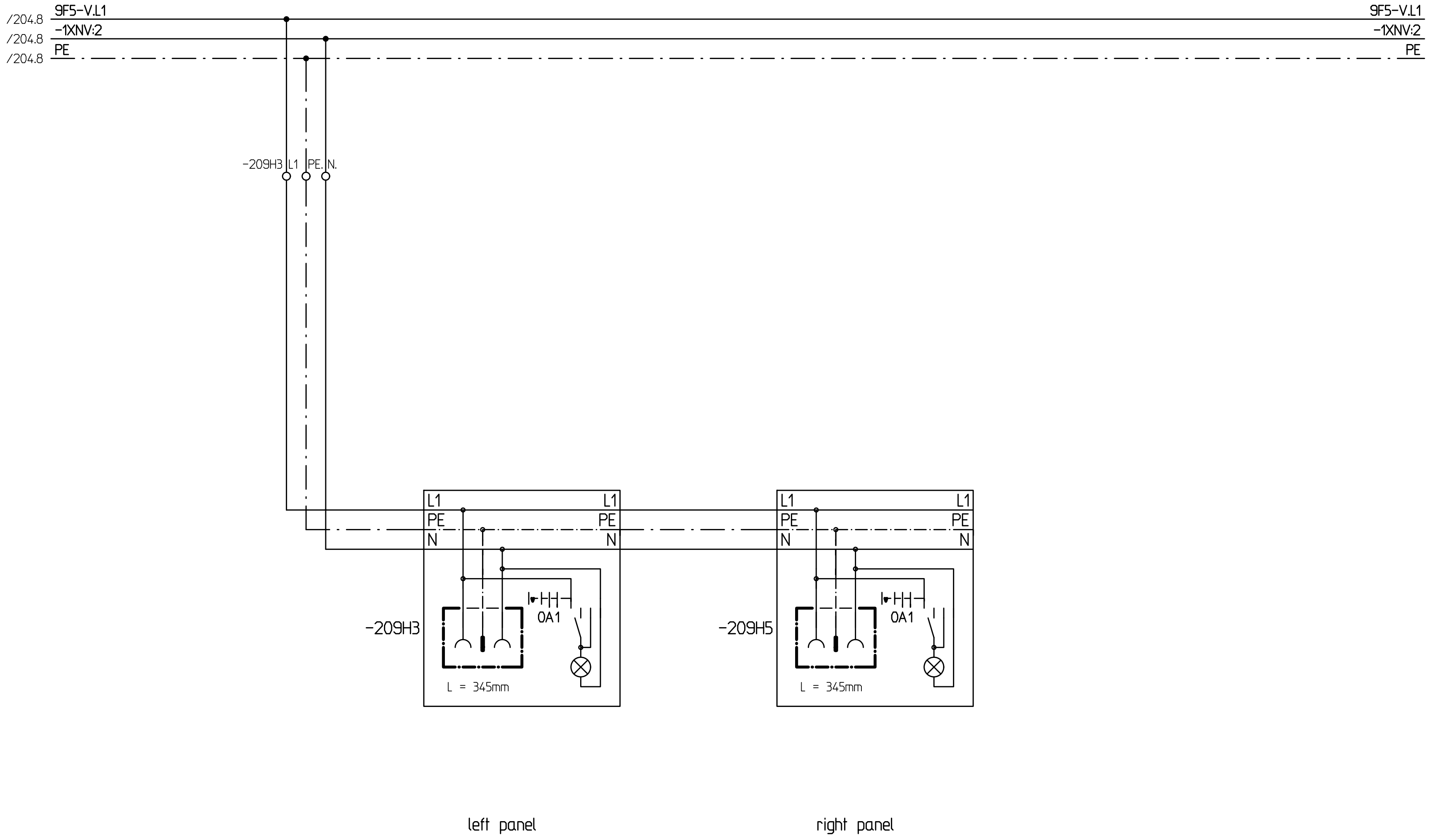

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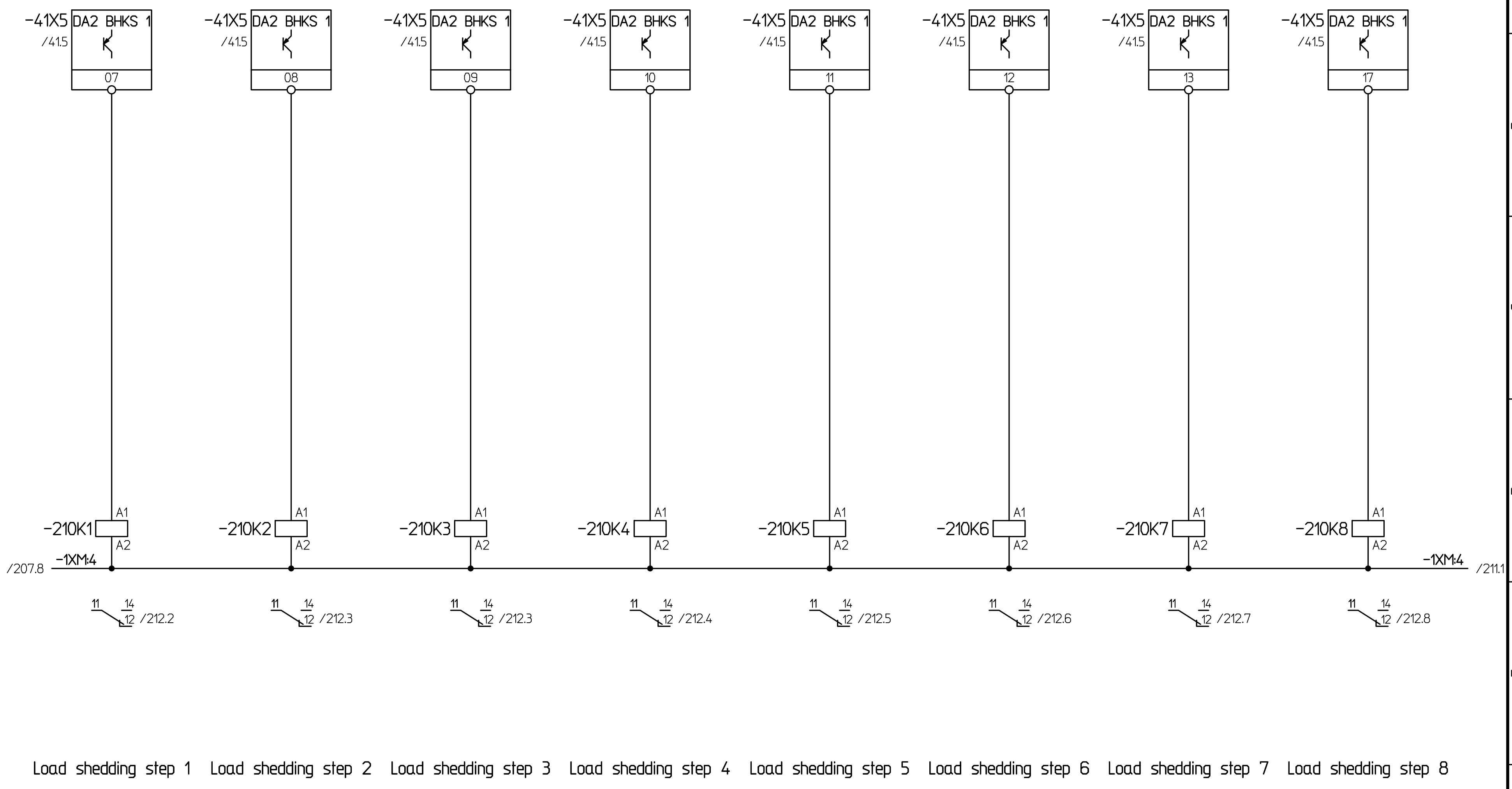
Bildbeschreibung
IMAGE DESCRIPTION switchboard light

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 29.06.05			page 209 / 215 BL



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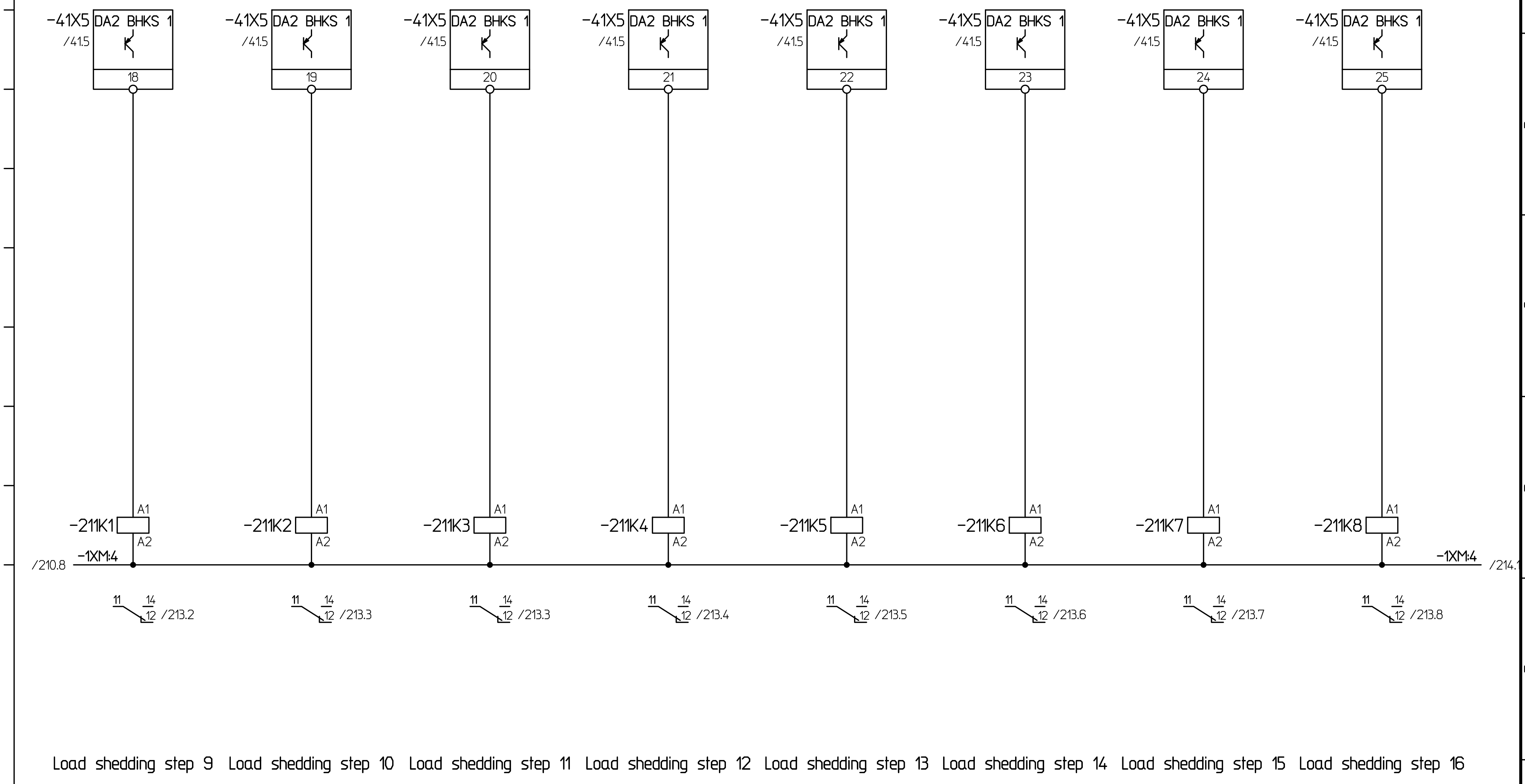
Bildbeschreibung IMAGE DESCRIPTION: Load shedding step 1-8 control

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	43730 page 210
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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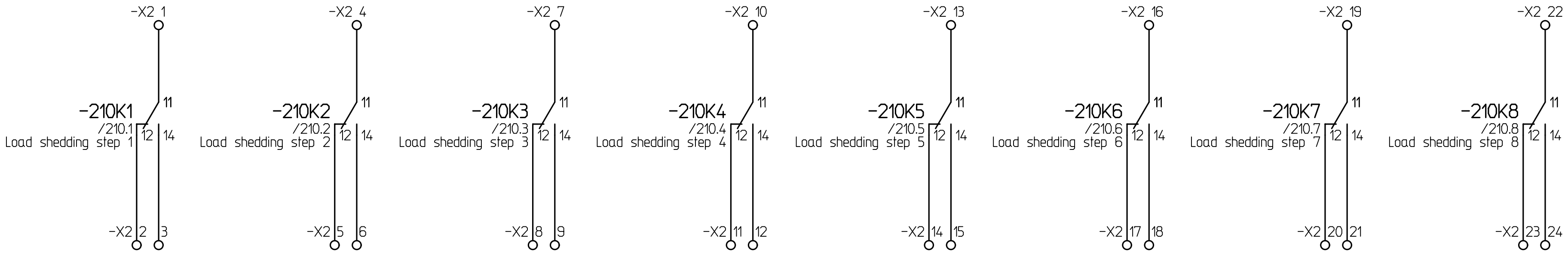
Bildbeschreibung IMAGE DESCRIPTION: Load shedding step 9–16 control

		Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
		Desig.	A. Stellmann					
		Check	A. Stellmann				43730	43730 page 211
Index	changing	Date / name	Norm 33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



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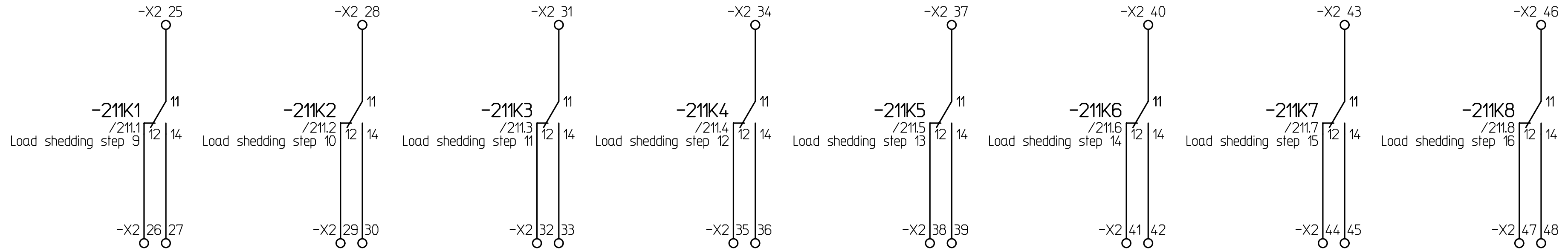
Bildbeschreibung
IMAGE DESCRIPTION

Load shedding step 1-8

				Date	01.02.05	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		

Load shedding step 9-16



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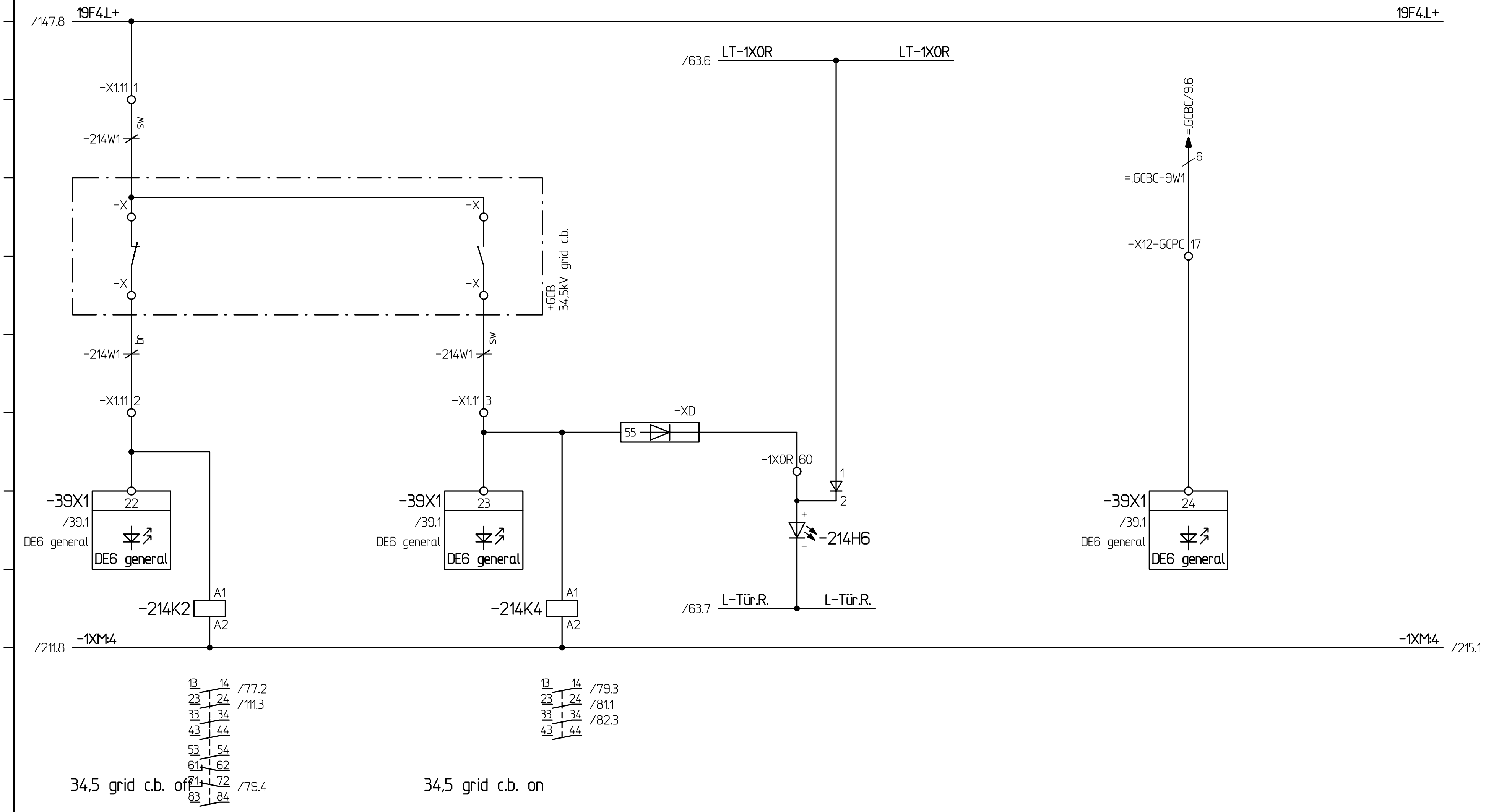
Bildbeschreibung IMAGE DESCRIPTION: Load shedding step 9-16

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	43730	page 213
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05			215 BL



34,5 grid c.b. off

34,5 grid c.b. on

Fuse panel +GCBC tripped

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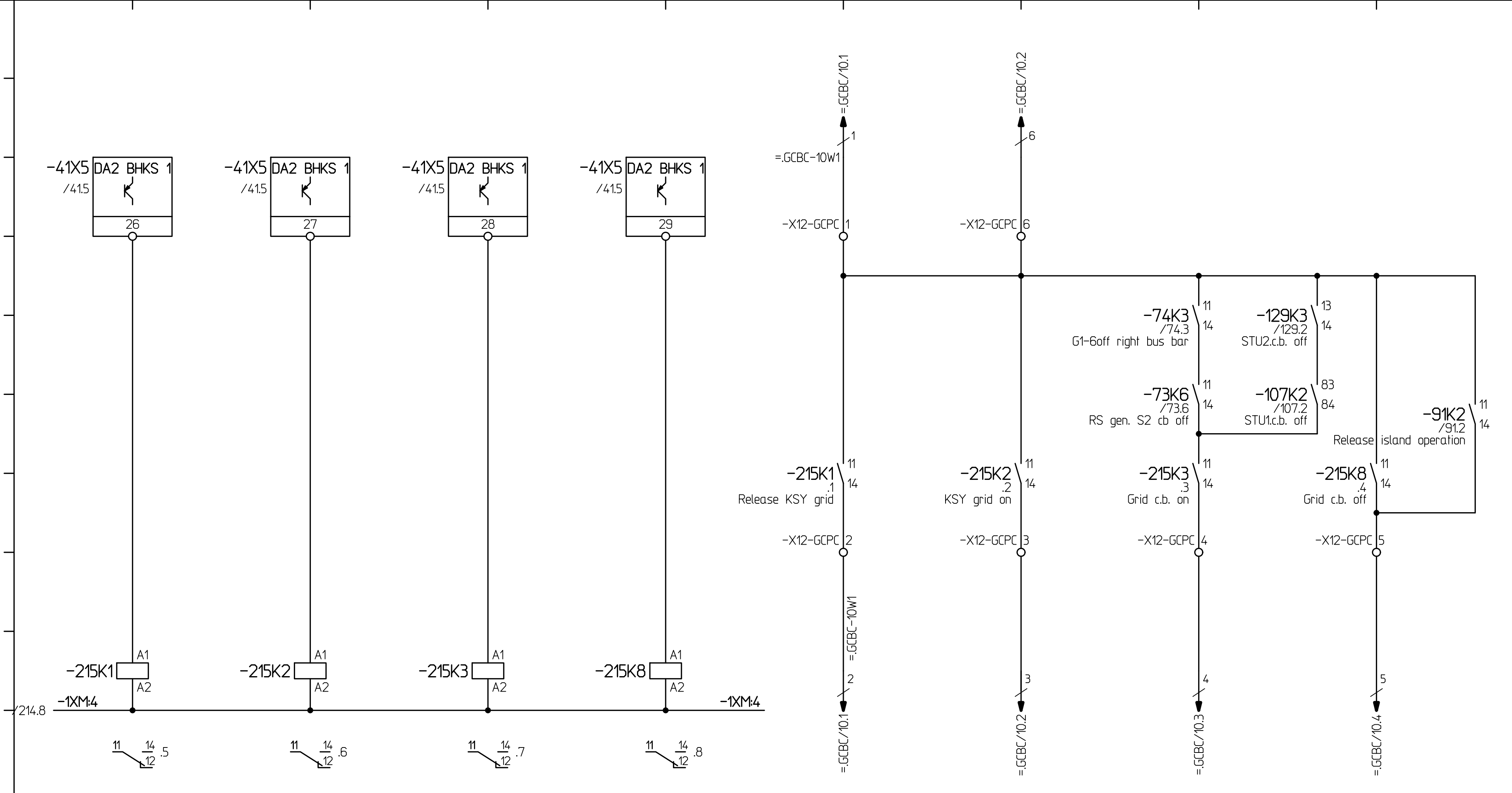
Bildbeschreibung IMAGE DESCRIPTION — Control 34,5kV grid c.b.

				Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 29.06.05		43730 / 43730	page 214 / 215 BL



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Bildbeschreibung IMAGE DESCRIPTION: Control 34,5kV grid c.b.

			Date	01.02.05	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann					43730	43730
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 29.06.05		page 215 215 BL